



Standard Surveillance & Security



Surveillance

Doors & Hardware

Locksmith

Access Control

Alarms

Setting The Standard for Peace of Mind

Certified Integrator



uniview tec



WV DOT District 10 Camera System Installation

CRFQ DOT 2600000012

REQUEST FOR BID PROJECT – CAMERA SYSTEM INSTALLATION

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Scope of Work

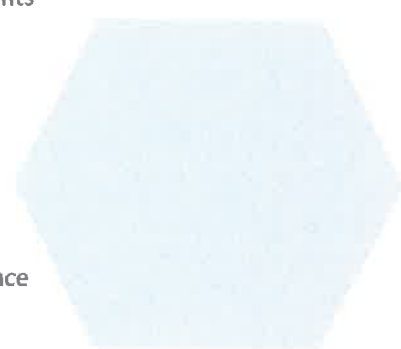
Manufacturer Information

Warranty & Preventative Maintenance

RECEIVED

2015 SEP 29 PM 12:05

WV PURCHASING



REQUEST FOR QUOTATION
WV DOT D10 Security Camera System Installation
270 Hardwood Lane, Princeton, WV 24740

EXHIBIT A – Pricing Page

Security Camera System at:
270 Hardwood Lane
Princeton, WV 24740

DATE: 9-18-25

VENDOR NAME: Standard Surveillance & Security

AUTHORIZED SIGNATURE: 

The aforementioned, hereinafter referred to Vendor, being familiar with and understanding the bidding documents and also having examined the site and being familiar with all local conditions affecting the project hereby proposes to furnish all labor, equipment, and supplies, and transportation and to perform all work in accordance with the bidding documents within the time set forth for the sum of.

BASE BID:

For the lump sum of: \$ 106,082.⁰⁰
(show amount in numbers)

One Hundred Thousand Eighty Two Dollars & Zero Cents
(show amount in words)

(In the event of a difference between the written amount and the number amount, the written amount shall govern.)

CONTRACT AWARD:

The contract shall be awarded to the vendor that provides the lowest overall lump sum cost.



PO Box 9041
Huntington WV 25704
(304) 525-0000, (304) 736-2549
Bill@standardalarm.com

Proposal

ESTIMATE #	10077
DATE	09/29/2025
PO #	CRFQ-0803- DOT 2600000012

CUSTOMER
WV Purchasing Division BID CLERK 2019 Washington St E Charleston, West Virginia, 25305-2214

SERVICE LOCATION
WV Purchasing Division Purchasing Division 2019 Washington St E Charleston, West Virginia, 25305-2214

DESCRIPTION	<p>District 10 DOT Surveillance Camera Install</p> <p>CRFQ-0803- DOT 2600000012 BID QUESTIONS SUBMITTED BY - 09/19/25 BID SUBMISSION BY 09/29/25 BID OPENING - 09/30/2025</p> <p>Standard Surveillance & Security to provide and install 34 cameras total ((24) 4K turret style cameras and (6) 180 degree 4K turret style cameras on exterior of buildings laid out in drawing provided, and (4) 4K turret stye cameras to be installed in vestibules in building A. All cameras and NVR's are NDAA compliant (spec sheets attached)</p> <p>Install 1 16 channel 4K NVR, 1 24 port POE switch, 1 24 port patch panel, 1 1500VA UPS, at each head end location at each building's network rack. This will be installed in the same location at each rack per agency's project manager or DOH grounds supervisor.</p> <p>Install 2 wireless bridges - 1 to be on side of building B in location approved by agency's project manager or DOH grounds supervisor, 1 installed at fuel island on existing outdoor box location. this box will house a 5 port POE switch for bridge and 2 4K turret cameras.</p> <p>All cabling, and equipment will be installed to RFQ specs, and to code. All cabling will be CAT6A. All cabling will be terminated to keystones in vendor provided patch panel, and patch cables between patch panel and 24 port switch.</p> <p>Standard Surveillance & Security to provide a 3 year warranty on all parts/ materials and labor. Standard Surveillance & Security to provide annual preventative maintenance which includes camera lens cleaning, inspecting cameras for damage, updating firmware, updating software, adjusting camera angles/ field of view. This is provided for a period of 3 years. This is renewable after 3 years for a fixed cost \$3540.00 per year</p>
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Proposal				
Description	Qty	Rate	Tax	Total
Building A				\$25,171.00

Low Voltage Labor PT
Low Voltage Card Access/
Surveillance/ Network Labor Primary
Technician

Low Voltage Labor ST
Low Voltage Card Access/
Surveillance/ Network Labor
Secondary Technician

Travel

Uniview Tec 4K Turret Camera

Uniview Tec 180 Turret

Uniview Tec 16CH NVR

Misc. Parts Jbox/wallmounts
Junction Box/ Wall Mount

Misc. Parts Conduit/hardware
Conduit, j Hooks, straps, electrical
boxes, mounting hardware, Wire, etc.

Rack mount UPS

24 Port POE switch

Building B

\$17,246.0
0

Low Voltage Labor PT
Low Voltage Card Access/
Surveillance/ Network Labor Primary
Technician

Low Voltage Labor ST
Low Voltage Card Access/
Surveillance/ Network Labor
Secondary Technician

Travel

Uniview Tec 4K Turret Camera

Uniview Tec 180 Turret

Uniview Tec 16CH NVR

Misc. Parts Jbox/wallmounts
Junction Box/ Wall Mount

Misc. Parts Conduit/hardware
Conduit, j Hooks, straps, electrical
boxes, mounting hardware, Wire, etc.

Rack mount UPS

Wireless Bridge & AP kit

24 Port POE switch

Trendnet 6 port POE switch

Building C	\$14,745.00
Low Voltage Labor PT Low Voltage Card Access/ Surveillance/ Network Labor Primary Technician	
Low Voltage Labor ST Low Voltage Card Access/ Surveillance/ Network Labor Secondary Technician	
Travel	
Uniview Tec 4K Turret Camera	
Uniview Tec 16CH NVR	
Misc. Parts Jbox/wallmounts	
Misc. Parts Conduit/Hardware	
Rack mount UPS	
24 Port POE switch	
Building D	\$10,660.00
Low Voltage Labor PT Low Voltage Card Access/ Surveillance/ Network Labor Primary Technician	
Low Voltage Labor ST Low Voltage Card Access/ Surveillance/ Network Labor Secondary Technician	
Travel	
Uniview Tec 4K Turret Camera	
Uniview Tec 16CH NVR	
Misc. Parts Jbox/wallmounts	
Misc. Parts Conduit/ Hardware	
Rack mount UPS	
24 Port POE switch	
Scope Building/ Travel/ Equipment	\$38,260.00
Fuel & Travel Expense Travel Expenses	
Misc Parts & Hardware - Consumables Consumables - Drill Bits, Mounting	

hardware, Cat 5 terminations, tools,
etc

Equipment Rental	Equipment / Machinery Rental from 3rd Party
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Special Order Item - Viewing Stations
50 Inch monitor with wall mount, 24 in monitor with wall mount

	Admin Fee & Documentation/Planning Administrative Fees
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**Service Agreement - 3 years
preventative Maintenance**

CUSTOMER MESSAGE

Proposal Total: \$106,082.00

\$106,082.00



CONTRACTOR LICENSE

AUTHORIZED BY THE
**West Virginia Contractor
Licensing Board**

NUMBER: WV055902

CLASSIFICATION:

SPECIALTY
LOW VOLTAGE SYSTEMS <80 VOLTS
COMMUNICATION & SOUND

MARCUM ENTERPRISES LLC
DBA STANDARD SURVEILLANCE & SECURITY
PO BOX 9041
HUNTINGTON, WV 25704

DATE ISSUED

EXPIRATION DATE

MAY 6, 2025

MAY 6, 2026

Authorized Signature



Chair, West Virginia Contractor
Licensing Board



**WEST VIRGINIA
CONTRACTOR
LICENSING BOARD**

A copy of this license must be readily available for inspection by the Board on every job site where contracting work is being performed. This license number must appear in all advertisements, on all bid submissions, and on all fully executed and binding contracts. This license is non-transferable. This license is being issued under the provisions of West Virginia Code, Chapter 30, Article 42.



State of West Virginia

WORKFORCE West Virginia

CHARLESTON, WEST VIRGINIA JANUARY 5, 2017

THIS IS TO CERTIFY THAT
MARCUM ENTERPRISES LLC

OF
HUNTINGTON, WV

HAS BEEN REGISTERED WITH WORKFORCE West Virginia AS AN
EMPLOYER UNDER THE PROVISIONS OF THE WEST VIRGINIA
UNEMPLOYMENT COMPENSATION LAW AND HAS BEEN ASSIGNED
THE ACCOUNT NUMBER 000047731-1


Cabinet Secretary, WV Dept. of Commerce



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/26/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER AssuredPartners of West Virginia, LLC P O Box 2627 Huntington WV 25726		CONTACT NAME: Nick Adkins PHONE (A/C, No, Ext): (304) 736-2222 E-MAIL ADDRESS: nick.adkins@assuredpartners.com FAX (A/C, No): (304) 302-3401													
INSURED Marcum Enterprise LLC, DBA: Standard Surveillance & Security PO BOX 9041 Huntington WV 25704		INSURER(S) AFFORDING COVERAGE <table border="1"><tr><td>INSURER A: Scottsdale Insurance Co</td><td>NAIC #</td></tr><tr><td>INSURER B: Travelers Casualty Insurance Company of America</td><td>19046</td></tr><tr><td>INSURER C: Travelers Casualty & Surety Co</td><td>19038</td></tr><tr><td>INSURER D:</td><td></td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>		INSURER A: Scottsdale Insurance Co	NAIC #	INSURER B: Travelers Casualty Insurance Company of America	19046	INSURER C: Travelers Casualty & Surety Co	19038	INSURER D:		INSURER E:		INSURER F:	
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INSURER B: Travelers Casualty Insurance Company of America	19046														
INSURER C: Travelers Casualty & Surety Co	19038														
INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES **CERTIFICATE NUMBER:** CL2592616088 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			CPS8218228	5/27/2025	5/27/2026	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
							MED EXP (Any one person) \$ 5,000
							PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 2,000,000
	POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$ 2,000,000
	OTHER:						\$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY			BA7W9465762542	5/27/2025	5/27/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> OWNED AUTOS ONLY	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY	<input type="checkbox"/> NON-OWNED AUTOS ONLY					PROPERTY DAMAGE (Per accident) \$
							Medical payments \$ 5,000
	<input type="checkbox"/> UMBRELLA LIAB						EACH OCCURRENCE \$
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> OCCUR					AGGREGATE \$
		<input type="checkbox"/> CLAIMS-MADE					\$
	DED	RETENTION \$					
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			UB7W9477332542	5/27/2025	5/27/2026	<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N					E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	<input checked="" type="checkbox"/> Y	N/A				E.L. DISEASE - EA EMPLOYEE \$ 500,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Generic

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Request for Taxpayer Identification Number and Certification

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the
requester. Do not
send to the IRS.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Marcum Enterprises LLC	
2 Business name/disregarded entity name, if different from above Standard Surveillance & Security	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input checked="" type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ P <small>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</small> <input type="checkbox"/> Other (see instructions) ▶	
4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>	
5 Address (number, street, and apt. or suite no.) See instructions. P.O. Box 9041	Requester's name and address (optional)
6 City, state, and ZIP code Huntington, WV 25704	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number								
			-					
or								
Employer identification number								
8	1	-	4	7	1	4	4	7

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign
Here

Signature of
U.S. person ▶

Date ▶ **8-8-25**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (Interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

► Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Marcum Enterprises LLC

2 Business name/disregarded entity name, if different from above
Standard Surveillance & Security

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☒ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► **P**
Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ►

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
P.O. Box 9041

Requester's name and address (optional)

6 City, state, and ZIP code

Huntington, WV 25704

7 List account number(s) here (optional)

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Social security number
[] [] [] - [] [] - [] [] [] []

OR
Employer identification number
8 1 - 4 7 1 4 4 4 7

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign
Here

Signature of
U.S. person ►

Date ► **8-8-25**

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- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
 - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
 - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
 - Form 1099-S (proceeds from real estate transactions)
 - Form 1099-K (merchant card and third party network transactions)
 - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

Agency _____
 REQ.P.O# _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Marcum Enterprises LLC dba Standard Surveillance & Security
 of Huntington, West Virginia, as Principal, and RLI Insurance Company
 of Peoria, Illinois, a corporation organized and existing under the laws of the State of Illinois
 with its principal office in the City of Peoria, as Surety, are held and firmly bound unto the State
 of West Virginia, as Obligor, in the penal sum of 5% of Total Amount Bid (\$ _____) for the payment of which,
 well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the
 Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for

Install new camera systems in 4 bldg / Sol.No.: CRFQ 0803 DOT2600000012

NOW THEREFORE,

(a) If said bid shall be rejected, or
 (b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal
 attached hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform
 the agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in
 full force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no
 event, exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no
 way impaired or affected by any extension of the time within which the Obligor may accept such bid, and said Surety does hereby
 waive notice of any such extension.

WITNESS, the following signatures and seals of Principal and Surety, executed and sealed by a proper officer of Principal and
 Surety, or by Principal individually if Principal is an individual, this 24th day of September, 2025.

Principal Seal


 (Name of Principal)

By William M. Marcum
 (Must be President, Vice President, or
 Duly Authorized Agent)

Managing Member
 (Title)

Surety Seal



RLI Insurance Company
 (Name of Surety)


Douglas A. Freeman Attorney-in-Fact

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance, must affix its seal, and must attach a power of attorney with its seal affixed.

POWER OF ATTORNEY

RLI Insurance Company

9025 N. Lindbergh Dr. Peoria, IL 61615
Phone: 800-645-2402

Bond No. LSM1359443

Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That the RLI Insurance Company, a corporation organized and existing under the laws of the State of Illinois, and authorized and licensed to do business in all states and the District of Columbia does hereby make, constitute and appoint: Douglas A Freeman in the City of Huntington, State of West Virginia, as it's true and lawful Agent and Attorney In Fact, with full power and authority hereby conferred upon him/her to sign, execute, acknowledge and deliver for and on its behalf as Surety, specifically for the following described bond.

Principal: Marcum Enterprises LLC DBA Standard Surveillance & Security

Obligee: West Virginia Department of Administration Purchasing Div

Bond Amount: 5% of Total Amount Bid

The acknowledgement and execution of such bond by the said Attorney in Fact shall be as binding upon the Company as if such bond had been executed and acknowledged by the regularly elected officers of the Company.

The RLI Insurance Company further certifies that the following is a true and exact copy of a Resolution adopted by the Board of Directors of RLI Insurance Company, and now in force to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the RLI Insurance Company has caused these presents to be executed by its Sr. Vice President with its corporate seal affixed this 24th day of September, 2025.

RLI Insurance Company

By: Eric Raudins Sr. Vice President



State of Ohio

County of Cuyahoga

} SS

On this 24th day of September, 2025, before me, a Notary Public, personally appeared Eric Raudins, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the RLI Insurance Company, and acknowledged said instrument to be the voluntary act and deed of said corporation.

By: Jill A. Scott Notary Public



JILL A. SCOTT
Notary Public, State of Ohio
My Commission Expires
September 22, 2030

CERTIFICATE

I, the undersigned officer of RLI Insurance Company do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the RLI Insurance Company this 24th day of September, 2025.

RLI Insurance Company

By: Christina Dean Corporate Secretary

A0006221_R_SUBS_BID



State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5

I, William H. Marcum, after being first duly sworn, depose and state as follows:

1. I am an employee of Standard Surveillance + Security and,
(Company Name)
2. I do hereby attest that Standard Surveillance + Security
(Company Name)

maintains a written plan for a drug-free workplace policy and that such plan and policy are in compliance with **West Virginia Code §21-1D**.

The above statements are sworn to under the penalty of perjury.

Printed Name: William H. Marcum

Signature: [Signature]

Title: Owner

Company Name: Standard Surveillance + Security

Date: 9-29-25

STATE OF WEST VIRGINIA,

COUNTY OF Cabell, TO-WIT: William H. Marcum

Taken, subscribed and sworn to before me this 29th day of September, 2025.

By Commission expires Sept. 7, 2027

(Seal)

[Signature]
(Notary Public)





Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Construction

Proc Folder: 1771860

Doc Description: WVDOT District 10 Security Camera System Installation

Reason for Modification:

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2025-09-03	2025-09-30 13:30	CRFQ 0803 DOT2600000012	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: VC0000072492

Vendor Name: Marcum Enterprises DBA: Standard Surveillance & Security

Address: PO Box 9041 Huntington WV

Street:

City: Huntington

State: WV

Country: United States

Zip: 25704

Principal Contact: Bill Marcum

Vendor Contact Phone: 304 525 0000

Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor

Signature X

FEIN#

81-4714447

DATE

9-18-25

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION
REQUEST FOR QUOTATION: The West Virginia Purchasing Division is soliciting bids on behalf of WV Division of Highways, District 10 to establish a contract for the following: Remove old security camera system and replace with new security camera systems that will be capable of providing indoor/outdoor video surveillance of the district 10 Headquarters complex at 270 Hardwood Lane, Princeton, West Virginia, 24740. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO	SHIP TO
DIVISION OF HIGHWAYS DISTRICT TEN 270 HARDWOOD LN PRINCETON WV US	DIVISION OF HIGHWAYS DISTRICT TEN 270 HARDWOOD LN PRINCETON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Security Cameras	1.00000	LS		

Comm Code	Manufacturer	Specification	Model #
46171610			

Extended Description:
Security Cameras

SCHEDULE OF EVENTS		
<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Pre-bid 9:00am @ D10 HQ, Princeton WV	2025-09-11
2	Tech Questions due by 10:00am	2025-09-19

	Document Phase	Document Description	Page 3
DOT2600000012	Final	WVDOT District 10 Security Camera System Installation	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

State of West Virginia
Purchasing Division

CERTIFIED DRUG-FREE WORKPLACE REPORT COVERSHEET

In accordance with *West Virginia Code* § 21-1D-7b, no less than once per year, or upon completion of the project, every contractor shall provide a certified report to the public authority which let the contract. That report must include each of the items identified below in the Required Report Content section.

Instructions: Vendor should complete this coversheet, attach it to the required report, and submit it to the appropriate location as follows: For contracts more than \$25,000, the report should be mailed to the West Virginia Purchasing Division at 2019 Washington Street East, Charleston, WV 25305. For contracts of \$25,000 or less, the vendor should mail the report to the public authority issuing the contract.

Contract Identification:

Contract Number: _____

Contract Purpose: _____

Agency Requesting Work: _____

Required Report Content: The attached report must include each of the items listed below. The vendor should check each box as an indication that the required information has been included in the attached report.

- ☐ Information indicating the education and training service to the requirements of *West Virginia Code* § 21-1D-5 was provided;
- ☐ Name of the laboratory certified by the United States Department of Health and Human Services or its successor that performs the drug tests;
- ☐ Average number of employees in connection with the construction on the public improvement;
- ☐ Drug test results for the following categories including the number of positive tests and the number of negative tests: (A) Pre-employment and new hires; (B) Reasonable suspicion; (C) Post-accident; and (D) Random.

Vendor Contact Information:

Vendor Name: Standard Surveillance + Security Vendor Telephone: 304-525-0000

Vendor Address: P.O. Box 9041
Huntington, WV 25704

Vendor Fax: _____
Vendor E-Mail: Bill@standardalarm.com

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Bill Marcum, Owner
(Address) P.O. Box 9041, Huntington, WV 25704
(Phone Number) / (Fax Number) 304-412-3888
(email address) Bill@StandardAlarm.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Standard Surveillance & Security
(Company)

(Signature of Authorized Representative)

Bill Marcum, Owner 9-18-25
(Printed Name and Title of Authorized Representative) (Date)

304-412-3888 cell 304-525-0000 office (No Fax)
(Phone Number) (Fax Number)

Bill@StandardAlarm.com
(Email Address)

Subcontractor List Submission (Construction Contracts Only)

Bidder's Name: Standard Surveillance & Security

☐ Check this box if no subcontractors will perform more than \$25,000.00 of work to complete the project.

Subcontractor Name	License Number if Required by W. Va. Code § 21-11-1 et. seq.
<i>None</i>	

Attach additional pages if necessary



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Construction

Proc Folder: 1771860

Doc Description: WVDOT District 10 Security Camera System Installation

Reason for Modification:

ADDEDUM NO. 1
Attach Pre-bid Sign-in Sheets

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2025-09-18	2025-09-30 13:30	CRFQ 0803 DOT2600000012	2

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON WV 25305

US

VENDOR

Vendor Customer Code: VC0000072492

Vendor Name: Marcum Enterprises DBA: Standard Surveillance + Security

Address: Po Box 9041

Street:

City: Huntington

State: WV

Country: United States

Zip: 25704

Principal Contact: Bill Marcum

Vendor Contact Phone: 304-525-0000

Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep

304-558-2566

john.w.estep@wv.gov

Vendor
Signature X

FEIN#

81-4714447

DATE

9-18-25

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION**ADDENDUM NO_1**

Addendum No_1 issued to publish and distribute the attached information to the Vendor Community

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of WV Division of Highways, District 10 to establish a contract for the following: *Remove old security camera system and replace with new security camera systems that will be capable of providing indoor/outdoor video surveillance of the district 10 Headquarters complex at 270 Hardwood Lane, Princeton, West Virginia, 24740. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.*

INVOICE TO**SHIP TO**

DIVISION OF HIGHWAYS
DISTRICT TEN
270 HARDWOOD LN
PRINCETON WV
US

DIVISION OF HIGHWAYS
DISTRICT TEN
270 HARDWOOD LN
PRINCETON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Security Cameras	1.00000	LS		

Comm Code**Manufacturer****Specification****Model #**

46171610

Extended Description:

Security Cameras

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Pre-bid 9:00am @ D10 HQ, Princeton WV	2025-09-11
2	Tech Questions due by 10:00am	2025-09-19

SOLICITATION NUMBER: CRFQ DOT2600000012

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT2600000012 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- ☐ Modify bid opening date and time
- ☐ Modify specifications of product or service being sought
- ☐ Attachment of vendor questions and responses
- ☐ Attachment of pre-bid sign-in sheet
- ☐ Correction of error
- ☐ Other

Additional Documentation:

Attach Pre-Bid Sign-in Sheets

Bid Opening remains 09/30/2025 @ 1:30 PM

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

CRFQ DOT2600000005

Pre-Bid Sign-In Sheet

Solicitation Number: OKFA

Date of Pre-Bid Meeting: Dot Lot 12

Location of Prebid Meeting: 9-11-85

Please Note:

Vendors must sign-in on this sheet to verify attendance at the Pre-Bid meeting. Failure to legibly sign in may be grounds for declaring a vendor ineligible to bid. For further verification, please also provide a business card if possible.

Firm Represented:*	Rep Name (Printed):	Firm Address:	Telephone #:	Fax #:	Email:
Johnson Controls Security Solutions	El. Hensel	US Cellular Way, #7 Paco, WV 25159	304-654-8374		el.hensel@jcs.com
WVDOH	Debra Woods	270 Handwood Lane WV	304-887-1605		debra.k.woods@wv.gov
WVDOH	Angela Hines	3013 Elm St Chas	304-581-7752		ange.hensel@wv.gov
Standard Surveillance & Security	Vivian Handcock	734 14th St W Huntington	304-585-0000		B.110 standardalarm.com Devin@standardalarm.com
WVDOH	Matt Buckner		304-741-0731		matt.s.buckner@wv.gov
WV DOT	Becky Plants	Bldg. 3, Room 340 Charleston, WV	(304) 305-6870		Rebecca.D.Plants@wv.gov

*One Vendor Per Representative - No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

Pre-Bid Sign-In Sheet

Solicitation Number: CLFA

Date of Pre-Bid Meeting: DOT 2012

Location of Prebid Meeting: 9-11-05

Please Note:

Vendors must sign-in on this sheet to verify attendance at the Pre-Bid meeting. Failure to legibly sign in may be grounds for declaring a vendor ineligible to bid. For further verification, please also provide a business card if possible.

Firm Represented:	Rep Name (Printed):	Firm Address:	Telephone #:	Fax #:	Email:
DOT	Michael Dixon	270 Hardwood Lane Princeton, WV 24740	304-646-8115		Michael.W.Dixon@wv.gov
ESCOM	Les Milam	1325 Dubois Ave Dubois, WV 25801	304-766-6277		l.milam@electric-specialty.com
Diverted Technology	Thomas Gordon	105 R. Park Creston, WV 25702	304-789-6381		Thomas.Dixon@wv.gov
DOT	Michael Nixon	Building 5 Charleston, WV	304-414-7111		Michael.Nixon@wv.gov
DOT	JR OLIVER	BLDG 5 CHARLESTON, WV	304-414-7119		JR.OLIVER@WV.GOV
WVSOH	Angela Rasker	270 Hardwood Ln Princeton, WV 24740	304-716-3019		Angela.diraske@wv.gov

*One Vendor Per Representative - No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

Pre-Bid Sign-In Sheet

Solicitation Number: CLFA

Date of Pre-Bid Meeting: Oct 12

Location of Prebid Meeting: 9-11-85

Please Note:

Vendors must sign-in on this sheet to verify attendance at the Pre-Bid meeting. Failure to legibly sign in may be grounds for declaring a vendor ineligible to bid. For further verification, please also provide a business card if possible.

Firm Represented:*	Rep Name (Printed):	Firm Address:	Telephone #:	Fax #:	Email:
WV DCH	Kevin Weiss		304-887-0076		kevin.e.weiss@wv.gov
Access	Saxon Knapp	4108 MacLamb Dr Charleston WV 25304	304 340 4888		Tech@Accesswv.com
WV DCH	Kristen Shewsbury	270 Hardwood Lane Princeton, WV 24740	304-716-3007		Kristen.m.shewsbury@wv.gov

*One Vendor Per Representative - No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT2600000012

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge the addenda may result in bid disqualification.

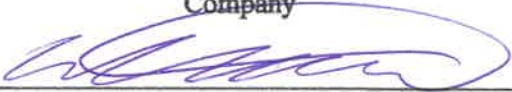
Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

<input checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of the addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Standard Surveillance & Security
Company

Authorized Signature
9-18-25
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Construction

Proc Folder: 1771860

Doc Description: WVDOT District 10 Security Camera System Installation

Reason for Modification:

ADDENDUM NO_1
Vendor Questions and Responses

Proc Type: Central Purchase Order

Date Issued

Solicitation Closes

Solicitation No

Version

2025-09-25

2025-09-30 13:30

CRFQ 0803 DOT2600000012

3

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON WV 25305

US

VENDOR

Vendor Customer Code: VC0000072492

Vendor Name: Marcum Enterprises DBA: Standard Surveillance & Security

Address: PO Box 9041

Street:

City: Huntington

State: WV

Country: United States

Zip: 25704

Principal Contact: Bill Marcum

Vendor Contact Phone: 304-525-0000

Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep

304-558-2566

john.w.estep@wv.gov

Vendor
Signature X

FEIN# 81-4714447

DATE 9-25-25

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION**ADDENDUM NO_2**

Addendum No_2 issued to publish and distribute the attached information to the Vendor Community

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of WV Division of Highways, District 10 to establish a contract for the following: *Remove old security camera system and replace with new security camera systems that will be capable of providing indoor/outdoor video surveillance of the district 10 Headquarters complex at 270 Hardwood Lane, Princeton, West Virginia, 24740. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.*

INVOICE TO**SHIP TO**

DIVISION OF HIGHWAYS
DISTRICT TEN
270 HARDWOOD LN
PRINCETON WV
US

DIVISION OF HIGHWAYS
DISTRICT TEN
270 HARDWOOD LN
PRINCETON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Security Cameras	1.00000	LS		

Comm Code	Manufacturer	Specification	Model #
46171610			

Extended Description:

Security Cameras

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Pre-bid 9:00am @ D10 HQ, Princeton WV	2025-09-11
2	Tech Questions due by 10:00am	2025-09-19

SOLICITATION NUMBER: CRFQ DOT2600000012

Addendum Number: 2

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT2600000012 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- ☐ [] Modify bid opening date and time
- ☐ [] Modify specifications of product or service being sought
- ☒ [X] Attachment of vendor questions and responses
- ☐ [] Attachment of pre-bid sign-in sheet
- ☐ [] Correction of error
- ☐ [] Other

Additional Documentation:

Vendor Questions and Responses

Bid Opening remains 09/30/2025 @ 1:30 PM

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

TECHNICAL QUESTIONS

CRQS DOT2600000008 WVDOT DISTRICT 10 SECURITY CAMERA SYSTEM INSTALLATION

1. Is there a specific space in the network rack we need to install our switches and NVR?

Answer: There should be plenty of room in the network racks below our equipment. Any of the open space is usable.

2. Is CAT6 Plenum required for all camera runs? If not, are there any requirements?

Answer: CAT6a - yes

3. Is there a preferred or required color for cabling?

Answer: Preferred cabling color for cameras for WVDOT is Orange.

4. Our 8CH NVR only accepts 1 HDD but our 16CH NVR will accept 4 HDD's. Can we price 16 channel NVR's in place of the 8 channel NVR's to achieve the 40TB (4x10TB) requirement. This will also allow for expansion of additional cameras in the future.

Answer: Yes

5. What are the dimensions of the existing equipment box at the fuel island where the camera equipment will be installed? Is it in good condition or should it be replaced?

Answer: The dimensions are 11 1/2" W x 11 1/2" L x 6" D - The box seems to be in good condition. It is up to your discretion if you would like to replace.

6. Is a man or scissor lift available to use or should we provide our own?

Answer: Vendor must provide due to liability and insurance.

7. Are we to remove all existing cameras, wiring, and equipment?

Answer: If you utilize an existing location, the vendor would need to remove the old camera/equipment to mount. The vendor is not required to remove any of the remaining existing cameras, wiring, or equipment.

8. Are we to cover or patch any holes used by existing cameras or equipment if the new cameras or equipment don't cover them?

Answer: Yes

9. Is there any required or banned brand for TV's?

Answer: No

10. Are the TV's to be wall mounted or set on a desk/table?

Answer: The TV's will be sat on a desk/table.

11. Are we to run HDMI cables from any NVR to the viewing TV's or will they view the camera from the camera software on a computer?

Answer: Yes, the vendor will need to run HDMI cable from any NVR to the viewing TV's.

TECHNICAL QUESTIONS
CRQS DOT2600000008 WVDOT DISTRICT 10 SECURITY CAMERA SYSTEM
INSTALLATION

12. Are we to provide computers for the remote camera software?

Answer: No

13. Are monitors required at location of each NVR?

Answer: No

14. Can we use our judgement on camera placement based off of the map provided or will specific placements be required?

Answer: The requirement is to cover the areas needed. Vendor may use judgement on placement.

15. In reference to this section of the RFQ:

III. Switches –

III.1 PoE switches should be installed in each of the (5) five buildings where the cameras are being installed.

3.2 Each switch shall have a minimum of (24) twenty-four ports.

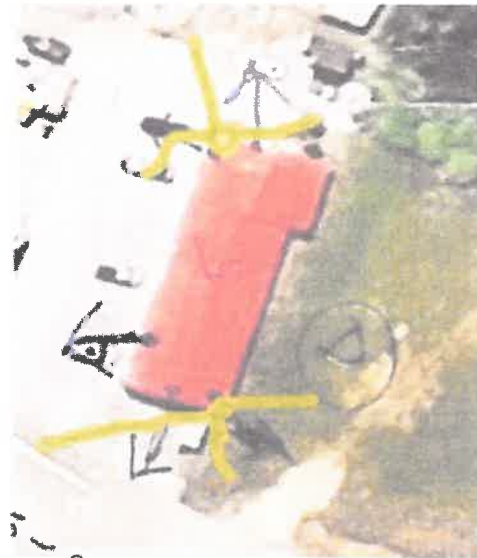
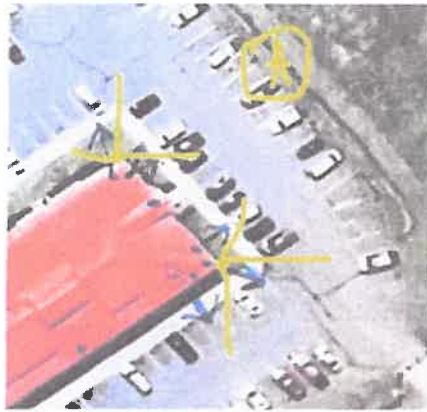
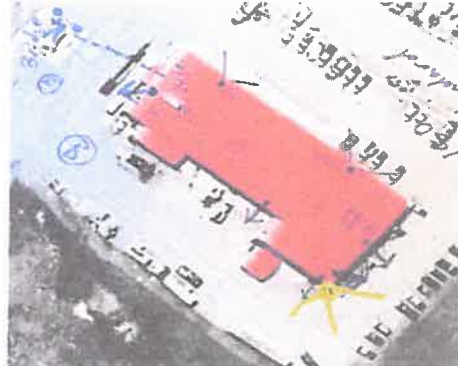
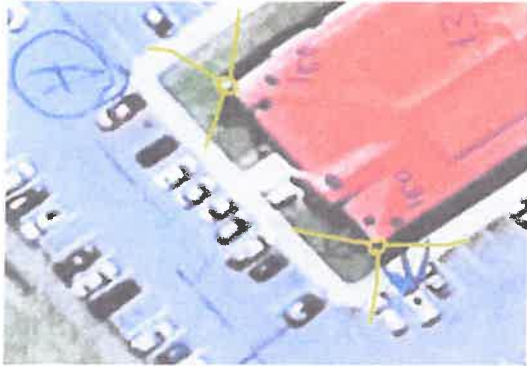
Answer: There are only 4 buildings. We need 4 - 24 port switches. 1 for each building. We will also need 1 - 4 port switch for the cameras and wireless bridge at the gas tank.

TECHNICAL QUESTIONS

CRQS DOT2600000008 WVDOT DISTRICT 10 SECURITY CAMERA SYSTEM INSTALLATION

16. Camera Quantity Optimization – We observed that in cases we can optimized camera quantity by utilizing multisensory (quad) camera. Please Find below images for more details (Green marked camera). Please advise.

Answer: We prefer to follow the Specifications given.



TECHNICAL QUESTIONS

CRQS DOT2600000008 WVDOT DISTRICT 10 SECURITY CAMERA SYSTEM INSTALLATION

17. Cable – We understand that we need to use cat6A cable as per specification. Please advise. Please refer below RFI email point and Specification image for reference. Please advise (Cat6 /Cat6A)

Answer: Cat6A

VII. Execution:

Vendor shall replace the current camera system with a new system using (28) Twenty-Eight standard vandal-proof turret style cameras and (6) 180-degree vandal-proof style cameras that record back to their respective Network Video Recording system that will be installed in each building. The vendor will be responsible for providing all the new connectors and ~~CAT6A~~ patch cables necessary to connect the cameras and switches. Upon completion of the project, the vendor will provide training on the operation of the new system. The vendor shall provide technical support with WVDOT requests that will be made on an on-call or email basis, Monday – Friday 8:00 – 4:30 to schedule maintenance when the system/cameras are not working functionally on a need-to basis. The vendor will be required to work with the WV Office of Technology and the WVDOT Network Infrastructure Department. The project must be completed within Forty-Five (45) Calendar days.

18. PoE Switch – As per specification document “CRFQ DOT2600000012 Specifications”, we need to provide 24 ports PoE Switch to each building (5 Building) so 5 PoE Switches. However, building E is tank so can we use PoE for building B for tank area so just 4 PoE Switch instead of 5 PoE switches?

III. Switches –

- 3.1 PoE switches should be installed in each of the (5) five buildings where the cameras are being installed.

- 3.2 Each switch shall have a minimum of (24) twenty-four ports.

Answer: There will be an addendum to the CRFQ stating (4) four (24) twenty-four port PoE switches and (1) one (4) four port PoE switch for the two cameras located at the gas tank.

19. Turret Style Camera – As per specification “CRFQ DOT2600000012 Specifications”, we need to provide Turret style camera. If possible, can we provide Bullet cameras instead of turret cameras. Please advise.

Answer: Bullet Style Cameras are acceptable

TECHNICAL QUESTIONS

CRQS DOT2600000008 WVDOT DISTRICT 10 SECURITY CAMERA SYSTEM INSTALLATION

20. Indoor Dome Cameras – For indoor dome camera, if possible, can we go ahead with less MP cameras as per area. Specification document ask for 8 MP cameras as well as turret. Please advise.

Answer: Indoor Vandal Proof Dome Cameras are acceptable for the (4) indoor locations but must be a minimum of 8MP

21. Tank Area Enclosure – Please advise on tank area enclosure details like size, component in that enclosure. So that we will plan to reuse it if possible.



Answer: The dimensions are 11 1/2" W x 11 1/2" L x 6" D - The box seems to be in good condition. It is up to your discretion if you would like to replace.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT2600000012

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge the addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of the addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Standard Surveillance & Security
Company

Authorized Signature
9-25-25
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.



Standard Surveillance & Security



Surveillance

Doors & Hardware

Locksmith

Access Control

Alarms

Setting The Standard for Peace of Mind

Certified Integrator



uniview tec



Customer Reference List

Below is a small list of customer with a variety of our specialized services we provide.

Rubberlite – Huntington WV

Contact: Darrell Hager - 304 638 4786

Guyan International/ Permco Pumps – Huntington WV

Contact: Michael Landry - 304 638 2806

Willert Home Products – Kenova WV

Contact: Aaron Harris - 304 360 0902

Pea Ridge Public Service District – Huntington WV

Contact: Darren Case - 304 751 0739



Standard Surveillance & Security



Surveillance

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District 10 DOT Surveillance Camera Install

CRFQ-0803- DOT 2600000012

BID QUESTIONS SUBMITTED BY - 09/19/25

BID SUBMISSION BY 09/29/25

BID OPENING - 09/30/2025

Standard Surveillance & Security to provide and install 34 cameras total ((24) 4K turret style cameras and (6) 180 degree 4K turret style cameras on exterior of buildings laid out in drawing provided, and (4) 4K turret style cameras to be installed in vestibules in building A. All cameras and NVR's are NDAA compliant (spec sheets attached)

Install 1 16 channel 4K NVR, 1 24 port POE switch, 1 24 port patch panel, 1 1500VA UPS, at each head end location at each building's network rack. This will be installed in the same location at each rack per agency's project manager or DOH grounds supervisor.

Install 2 wireless bridges - 1 to be on side of building B in location approved by agency's project manager or DOH grounds supervisor, 1 installed at fuel island on existing outdoor box location. this box will house a 5 port POE switch for bridge and 2 4K turret cameras.

All cabling, and equipment will be installed to RFQ specs, and to code. All cabling will be CAT6A. All cabling will be terminated to keystones in vendor provided patch panel, and patch cables between patch panel and 24 port switch.

Standard Surveillance & Security to provide a 3 year warranty on all parts/ materials and labor.

Standard Surveillance & Security to provide annual preventative maintenance which includes camera lens cleaning, inspecting cameras for damage, updating firmware, updating software, adjusting camera angles/ field of view. This is provided for a period of 3 years. This is renewable after 3 years for a fixed cost \$3540.00 per year

8MP, 180° MULTI-LENS, COLORHUNTER TURRET



180° Multi-Lens Turret ***IPT4K180CAIX***

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Exceptional Video Quality with 8MP, 4096 x 1860 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0 Lux Night Time Operation up to 98 Feet
- > 2x 2.8mm, 180° Multi-Lens; ONVIF Profile S Compliant
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Dual Video Streams, Defog, Backlight Compensation and 3D DNR
- > Intelligent perimeter protection such as cross line and intrusion, with smart intrusion prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles
- > PoE & 12VDC Power Options and Optional Mounts Available
- > Built-in Micro-SD Card Slot enables local storage up to 512GB
- > Two-way Audio, 3-way Axis, IP67 Weather Resistant Housing
- > Supported by uniview tec Guard Station, Guard Live and Guard Viewer App's for PC, Mac, iPhone and Android Devices

www.univiewtechnology.com



UVT70580225-01

Specifications

Camera	Description
Max Resolution	8MP
Sensor	1/2.5" CMOS
Min. Illumination	Color: 0.0005 lux (F1.0, AGC ON); 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotate: 0° ~ 360°
S/N	>52dB
WDR	130dB
Lens	Description
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.0
Field of View (H)	180°
Field of View (V)	65°
Field of View (D)	180°
DORI	Description
DORI Distance(Lens)	2.8mm
DORI Distance(Detect)	63.1m(206.7t)
DORI Distance(Observe)	25.2m(82.7ft)
DORI Distance(Recognize)	12.6m(41.3ft)
DORI Distance(Identify)	6.3m(20.7ft)
Illuminator	Description
Supplemental Light	IR, Warm light
Illumination Distance(IR)	30 m (98.4 ft)
Wavelength	850 nm
IR & Warm Light On/Off Control	Auto/Manual
Video	Description
Video Compression	H.265; H.264; MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main: 8MP (4096*1860) @ 20fps Sub: 2048*936 @ 20fps
Video Bit Rate	128 Kbps ~ 16 Mbps
U-code	Support
Privacy Mask	Up to 4
OSD, ROI	Up to 8
Video Stream	Dual Streams

IPT4K180CAIX Turret

IP CAMERAS

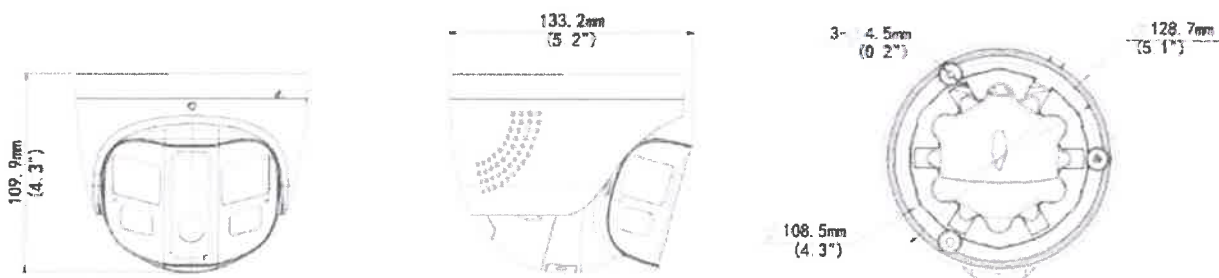
Image	Description
Auto Scene Match (ASM)	Support (Only WDR)
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	N/A
De-warping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
Events	Description
Basic Detection	Cross Line (based on Human Body Detection); Intrusion (based on Human Body Detection); Enter Area; Leave Area; Motion Detection; Ultra Motion Detection; Tampering Alarm; Audio Detection
Statistical Analysis	People Counting; Support People Flow Counting and Crowd Density Monitoring
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
Audio	Description
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 KHz
Storage	Description
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
Network	Description
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; SSL/TLS; SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API; SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	Password Protection; Strong Password; HTTPS Encryption; Export Operation Logs; Basic and Digest Authentication for RTSP; Digest Authentication for HTTP; TLS 1.2; WSSE and Digest Authentication for ONVIF
Client	Guard Live, Guard Viewer, Guard Station
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above

IPT4K180CAIX Turret

IP CAMERAS

Interface	Description
Audio I/O	1 Input: impedance 35k Ω ; amplitude 2V [p-p]; 1 Output: impedance 600 Ω ; amplitude 2V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Support x 2
Built-in Speaker	Support
WIFI	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certification	Description
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1); CB (IEC 62368-1); UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IK10 (IEC 62262), IP67 (IEC 60529)
General	Description
Power	DC 12V \pm 25%, PoE (IEEE 802.3af);
Power Interface	\varnothing 5.5 mm coaxial power plug
Dimensions	Φ 128.7 x 109.9mm (Φ 5.1" x 4.3")
Weight	0.86kg (1.9lb)
Material	Metal
Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: \leq 95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Support

Dimensions



Accessories

See Camera Accessories Guide

Uniview Technology / 850 Freeport Pkwy, Ste. 100, Coppell, TX 75019

Toll Free: 888-288-7644 / Main 972-459-8645 / Fax 972-459-8661

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UVT70580225-01

uniview tec

4K, WDR, COLORHUNTER, INTELLIGENT TURRET



4K Fixed Lens Turret

IPT4K28TAIX

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Exceptional Video Quality with 4K (8MP), 3840 x 2160 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0 Lux Night Time Operation up to 98 Feet
- > 2.8 fixed, wide-angle lens and Two-way Audio with Built-in Microphone & Speaker
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Backlight Compensation, Corridor Mode, Defog and 3D DNR (Digital Noise Reduction), Triple Video Streams, ONVIF Profile S Compliant
- > Supports sound and light alarm linkage with Smart Intrusion Prevention, such as Cross Line, Intrusion, Enter / Leave Area Detection, and others
- > IP67 Weather Resistant Housing and PoE & 12VDC Power Options
- > 3-Way Axis and Optional Wall, Junction Box and Pole Mounts Available
- > Built-in Micro-SD Card Slot enables local storage up to 256GB
- > Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Device

www.univiewtechnology.com



UVT70210623-01

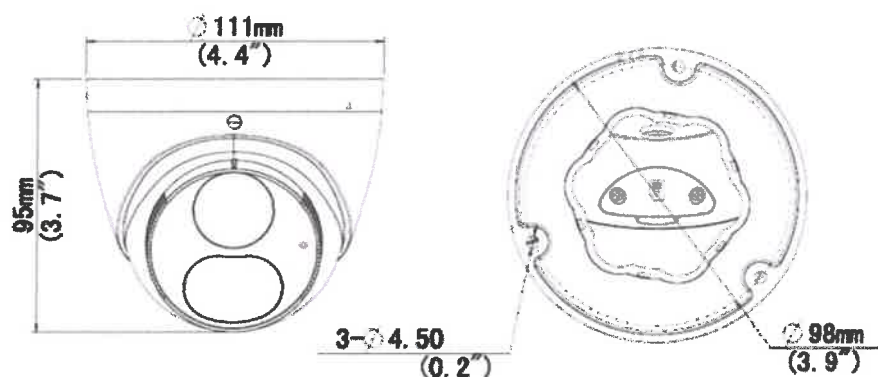
Specifications

Camera				
Sensor	1/2.8" 8MP, progressive scan CMOS			
Minimum illumination	Color: 0.0025 lux (F1.6, AGC ON); 0 lux with IR on			
True Day / Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto / Manual, 1 ~ 1/100000s			
Adjustment angle	Pan: 0° ~ 360°; Tilt: 0° ~ 80°; Rotate: 0° ~ 360°			
WDR	120dB			
S/N	>56dB			
Lens				
Lens	2.8mm@F1.6			
Iris	Fixed			
Field of View (H)	106.7°			
Field of View (V)	57.1°			
Field of View (D)	115.7°			
DORI				
DORI Distance	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	86.9	34.8	17.4	8.7
Illuminator				
IR Range	Up to 30m (98ft) IR range			
Wavelength	850nm			
White Light Range	Up to 30m (98ft) IR range			
IR On/Off Control	Auto/Manual			
Video				
Video Compression	Ultra 265, H.265, H.264, MJPEG			
H.264 code profile	Baseline profile, Main profile, High profile			
Frame Rate	Main Stream: 8MP (3840 x 2160), Max 20fps; 5MP (3072 x 1728), Max 30fps; 4MP (2560 x 1440), Max 30fps; 1080P (1920 x 1080), Max 30fps; Sub Stream: 1080P (1920 x 1080), Max 30fps;720P (1280 x 720), Max 30fps; 640 x 360, Max 30fps; D1 (720 x 576), Max 30fps; 2CIF (704 x 288), Max 30fps; CIF (352 x 288), Max 30fps; Third Stream: D1 (720 x 576), Max 30fps; 640 x 360,Max 30fps; 2CIF (704 x 288), Max 30fps; CIF (352 x 288), Max 30fps;			
Video Bit Rate	128 Kbps~16 Mbps			
U-code	Support			
OSD	Up to 8 OSDs			
Privacy Mask	Up to 4 areas			
ROI	Up to 8 areas			
Video Stream	Triple streams			

Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D / 3D DNR
Smart IR	Support
Flip	Normal / Vertical / Horizontal / 180° / 90°Clockwise / 90°Anti-clockwise
Dewarping	Support
HLC	Support
BLC	Support
Defog	Digital Defog
Intelligence	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Recognition	Face capture
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, tampering alarm, access policy, ARP protection, RTSP authentication, user authentication
Audio	
Audio Compression	G.711
Audio Bitrate	64 Kbps
Two-way audio	Support
Built-in Alarm Audio	Support
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL / TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	Guard Station, Guard Viewer
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Built-in Mic	Support

Built-in Speaker	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet
General	
Power	DC 12V±25%, PoE (IEEE 802.3af); Power consumption: Max 8.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø × H)	Φ111 x 95mm (Φ4.4" x 3.7")
Weight	0.45kg (0.992lb)
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Conformity Certifications	IP67, CE, FCC

Dimensions



Accessories

See Camera Accessories Guide

16ch, 16PoE, 16MP Resolution, H.265 NVR



16ch NVR

NR164XPQ

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > 16ch network recorder with H.265 Compression for Best-in-Class Recording and Storage Capability
- > Supports 4 SATA HDD up to 12TB and has Embedded PoE Switch for all Video Channels
- > Supports recording of up to 16MP Resolution Images
- > Display Images up to 4K(8MP) Resolution on HDMI Output
- > Concurrent Independent Displays on HDMI and VGA Monitor Outputs
- > ONVIF Profile Series S Compliant
- > Easy Plug and Play Functionality with Automatic Device Discovery and Display
- > Supports Cloud Upgrade for NVR and Cameras, with Automatic Detection of Latest Firmware and Upgrades
- > Features Automatic Network Recovery (ANR) Technology to enhance storage reliability when network is disconnected
- > Supported by uniview tec Guard Station Client Software and Guard Viewer Mobile App's for iPhone and Android Devices

Uniview Technology / 850 Freeport Pkwy, Ste. 100, Coppell, TX 75019

Toll Free: 888-288-7644 / Main 972-459-8645 / Fax 972-459-8661

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UVT4420524-01

Specifications

Video & Audio Inputs	
IP Video Input	16-ch
Audio Input	1-ch RCA
Network	
Incoming Bandwidth	Smart Encoding: Off: 320Mbps Smart Encoding: Advanced Mode: 160Mbps
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; 802.1x; IPV6
Supported Browsers	For Windows: IE (IE10/11), Firefox (version 52.0 and above), Chrome (version 45 and above), and Edge (version 79 and above)
Video & Audio Outputs	
HDMI / VGA Output	HDMI: 4K(3840x2160) / 30Hz, 1920x1080p / 60Hz, 1920x1080p / 50Hz, 1600x1200 / 60Hz, 1280x1024 / 60Hz, 1280x720 / 60Hz, 1024x768 / 60Hz VGA: 1920x1080p / 60Hz, 1920x1080p / 50Hz, 1600x1200 / 60Hz, 1280x1024 / 60Hz, 1280x720 / 60Hz, 1024x768 / 60Hz
Recording Resolution	16MP / 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P / D1 / 2CIF / CIF
Audio Output	1-ch RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch in local
Live view display	1 / 4 / 6 / 8 / 9 / 16
Corridor Mode Screen	3 / 4 / 5 / 7 / 9 / 10 / 12 / 16
Snapshot	
FTP/Schedule/Event Snapshot	4-ch snapshot, up to 4K resolution
Decoding	
Decoding format	H.265, H.264
Live view / Playback	16MP / 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P / D1 / 2CIF / CIF
Capability (fps)	Smart Encoding: Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30 Smart Encoding: Advanced Mode: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 16 x 720P@30
Hard Disk Drives	
SATA	4 SATA Interfaces
Capacity	Up to 12TB for each HDD

Smart Features	
VCA Detection by Camera	Face Detection, Vehicle Detection, Video Metadata, Traffic Monitoring SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection(UMD), Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection)
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
People counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP) by NVR	4-ch
Ultra Motion Detection (UMD) by NVR	8-ch
System Alarm	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording / Snapshot Abnormal, Array Damaged, Array Degraded
External Interface	
Network Interface	1 x RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front panel: 1 x USB2.0; Rear panel: 1 x USB3.0
RS485	1
Alarm In	16-ch
Alarm Out	4-ch
PoE	
Interface	16 x RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port, Max 150W in total
Supported Standard	IEEE 802.3af/at
General	
Power Supply	AC 100~240V, Power Consumption ≤ 12W (without HDD)
Working Environment	Temperature -10°C ~ + 50°C (+14°F ~ +122°F), Humidity ≤ 90% RH (non-condensing)
Rack Ears	Included
Dimensions (W × D × H)	400mm × 368mm × 74mm (15.7"×14.5"×2.9")
Weight (without HDD)	≤ 4Kg (8.8lb)
General	
Certifications	CE, FCC, UL, RoHS, WEEE

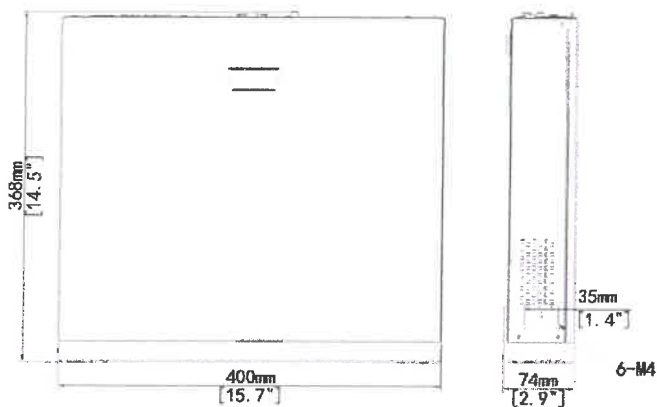
Accessories

LB3L NVR Lockbox
4KTESTMON1 Multi-Function Video Test Monitor

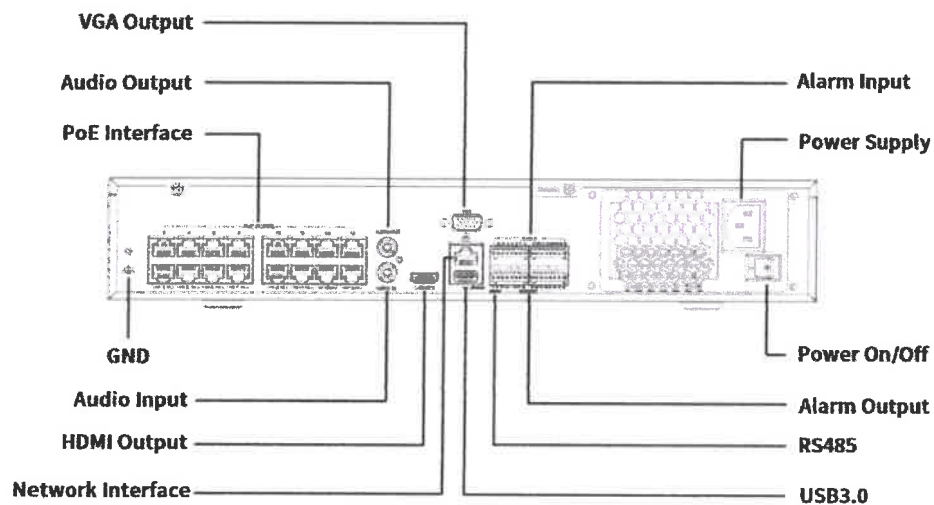
Models

NR162XPQ-8T	NR162XPQ-16T
NR162XPQ-24T	NR162XPQ-32T
NR162XPQ-40T	

Dimensions



Rear Panel View



Q Search UniFi products

Gateways Switching WiFi Camera Security Door Access Integrations Advanced Hosting Accounts

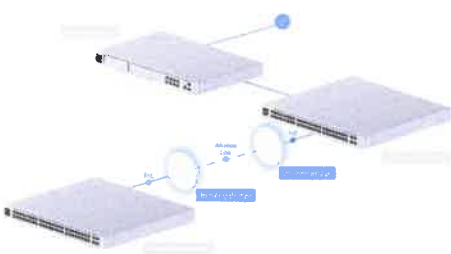
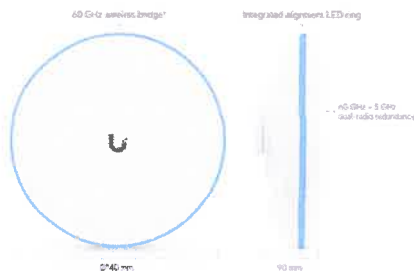
Bridging > Building Bridge

Data sheet

In The Box

Marketing Images

Installation Guide



Overview

Dimensions

Ø140 x 90 mm
(Ø5.5 x 3.5")

WiFi Standard

WiFi 5

Spatial Streams

2

Coverage Area

500 m (1,640 ft)

Mounting Locations

Wall, pole

Weatherproofing

IPX6

Power Method

PoE

Performance

MIMO

5 GHz

2 x 2 (DL MU-MIMO)

Max. Data Rate

60 GHz

1.7 Gbps

5 GHz

866.6 Mbps (BW80)

Antenna Gain	
60 GHz	17.2 dBi
5 GHz	10 dBi
2.4 GHz	2 dBi (BLE)
Max. TX Power	
60 GHz	19 dBm
5 GHz	25 dBm
Supported Data Rates	
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 867 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)
Wireless Security	WPA2 AES
^ Hardware	
Max. Power Consumption	11W
Includes PoE Adapter	✓
Supported Voltage Range	44—57V DC
Networking Interface	(1) GbE RJ45 port
Weight	376 g (13.3 oz)
Operating Modes	PtP
Wind Loading	56 N at 200 km/h (12.6 lbf at 125 mph)
Management	Ethernet Bluetooth
Channel Bandwidth	Main radio (60 GHz) : 2,160 (MHz) Backup radio (5 GHz) : HT 20/40, VHT 20/40/80 (MHz)
Enclosure Material	UV-resistant polycarbonate
Button	(1) Factory-reset
LEDs	
System	R/G/B
NDAA Compliant	✓

Certifications	CE, FCC, IC
	Main radio (60GHz): 57 - 66 GHz
	Backup radio (5GHz):
	US/CA
	U-NII-1: 5150 - 5250 MHz
Operating Frequency	U-NII-2A: 5250 - 5350 MHz
	U-NII-2C: 5470 - 5725 MHz
	U-NII-3: 5725 - 5850 MHz
	Worldwide
	5150 - 5725 MHz
Bluetooth (MHz)	Worldwide: 2,400 - 2,483.5
Ambient Operating Temperature	-40 to 70° C (-40 to 158° F)
Ambient Operating Humidity	5 to 95% noncondensing

Stay in Touch



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Standard Surveillance & Security



Surveillance

Doors & Hardware

Locksmith

Access Control

Alarms

Setting The Standard for Peace of Mind

Certified Integrator



uniview tec



Standard Surveillance & Security

Commercial Installation Warranty

Business Information

- **Company Name:** Standard Surveillance & Security
- **Shipping Address:** 734 14th St. W, Huntington, WV 25704
- **Mailing Address:** PO Box 9041, Huntington, WV 25704
- **Phone:** (304) 525-0000 or (304) 736-2549
- **Email for Service Requests:** Bill@standardalarm.com or Daniel@standardalarm.com
- **Business Hours:** Monday – Friday, 8:00 AM – 5:00 PM (excluding holidays)
- **Labor Rates:** \$95/hour (normal), \$145/hour (after-hours/holidays)

Installation Warranty Coverage

All surveillance, card access, intrusion, locks/keys, emergency exit hardware and commercial doors installed by Standard Surveillance & Security is covered by the manufacturer's warranty, unless otherwise stated.

This warranty covers **repairs or replacement of defective equipment**, subject to manufacturer restrictions. It does not include:

- Onsite labor for equipment replacement
- Ongoing technical support (unless a service agreement is purchased)

The labor charge included in your original installation invoice applies **only to the initial installation**.

Coverage for the initial term

- If an issue arises within **3 years of installation** and is determined to be caused by the installation itself, the service call is covered at no cost.
- If the issue is caused by **unauthorized modifications, tampering, acts of nature, or anything not related to installation**, labor will be billed at **\$95/hour (normal hours) or \$145/hour (after-hours/holidays)**. Equipment not covered by warranty will be billed separately.

Networking & Software Updates

Initial networking setup (e.g., mobile devices, laptops, remote viewing, modems, routers) is included in the installation. This covers **one-time setup only**.



Future technical support for networking requires a service agreement.

Please note: manufacturer software updates may reset your system settings. Restoring these settings is not included in the original installation fee.

Malfunctioning or Damaged Equipment

Option 1: Request Onsite Service

- If the issue is caused by **installation error**, the service call is free.
- If the issue is caused by **tampering or misuse** (e.g., unplugging equipment, cut/chewed wires, hardware modification), labor will be billed at **\$95/hour** plus replacement costs.
- If the issue is caused by **defective equipment under warranty**, the equipment will be covered, but labor will still be billed at **\$95/hour**, unless you have a service agreement.

Option 2: Return Equipment to Us

- You may remove the equipment and bring it to Standard Surveillance & Security for warranty evaluation.
- If the manufacturer's warranty applies, the repair or replacement will be free of charge (within 90 days).
- Labor for testing and troubleshooting in our office is billed at **\$95/hour**, unless you have a service agreement.
- Shipping charges may apply for expedited warranty service.
- Customers are responsible for reinstalling equipment after repair/replacement.

Warranty Exclusions

This warranty does not apply to the following:

1. Consumable parts (e.g., batteries, protective coatings).
2. Cosmetic damage to packaging or exterior surfaces.
3. Keys and key cylinders (unless proven defective at manufacture)
4. Damage caused by using the product with another product.
5. Damage from accidents, abuse, misuse, liquid spills, fire, vandalism, theft, or acts of nature.
6. Hardware damage caused by misuse, abuse, tampering, modification.
7. Damage from operating the product outside manufacturer guidelines.
8. Damage caused by service or upgrades performed by anyone not authorized by Standard Surveillance & Security.
9. Products modified to alter functionality without written approval.
10. Normal wear and tear or product aging.



11. Products with removed or defaced serial numbers.

Ongoing Support and Service Agreements

This warranty is limited to installation of electrical or mechanical equipment coverage. It does not provide ongoing technical support, preventative maintenance, or no-cost labor for future issues.

For complete coverage — including regular system maintenance, discounted service rates, and priority response — we recommend purchasing a **Standard Surveillance & Security Maintenance and Technical Support Agreement**.

Please contact us at (304) 525-0000 or email us at Bill@standardalarm.com or Daniel@standardalarm.com to learn more about service agreements that keep your system running smoothly year-round.



Standard Surveillance & Security



Surveillance

Doors & Hardware

Locksmith

Access Control

Alarms

Setting The Standard for Peace of Mind

Certified Integrator



uniview tec



Standard Surveillance & Security

Maintenance and Technical Support Agreement for Video Surveillance

Business Information

- **Company Name:** Standard Surveillance & Security
- **Shipping Address:** 734 14th St. W, Huntington, WV 25704
- **Mailing Address:** PO Box 9041, Huntington, WV 25704
- **Phone:** (304) 525-0000 or (304) 736-2549
- **Email for Service Requests:** Bill@standardalarm.com or Daniel@standardalarm.com
- **Business Hours:** Monday – Friday, 8:00 AM – 5:00 PM (excluding holidays)

Agreement Overview

This agreement provides maintenance and technical support services for video surveillance systems sold and installed by Standard Surveillance & Security.

The agreement is valid for **36 months** from the date of signing. It covers support and repair work during normal business hours at no additional charge. Work performed outside of normal hours is billed at the after-hours rate.

This agreement does **not** extend or change any manufacturer warranties.

Services Covered

1. Technical Support & Repairs

- Service calls and repair work during normal hours (8:00 AM – 5:00 PM, Monday–Friday) are included at no extra cost.
- Work outside normal hours is billed at **\$145/hour**.
- Normal labor rate outside this agreement: **\$95/hour**.
- Holidays observed: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving, Christmas Eve (after 12:00 PM), Christmas Day, New Year's Eve (after 12:00 PM).

2. Remote Support

- Unlimited telephone and remote-access support.
- Software updates (within the same version) are included.

3. Hardware Support

- We will make every effort to resolve issues quickly. Some issues may require manufacturer involvement.
- Repairs, adjustments, and replacement of covered surveillance equipment during normal hours are included.
- If needed, equipment may be shipped to us for repair. Loaner units may be provided when available.
- Replacement parts may be new or refurbished.
- If a problem can be fixed with a simple replacement part, we will ship it with instructions.
- On-site service is provided when required. Travel outside a 50-mile radius will be billed at \$95/hour (portal to portal).

4. Preventative Maintenance

- Once per quarter, Standard Surveillance & Security will perform scheduled preventative maintenance, which includes:
 - Cleaning camera lenses for clear image quality.
 - Inspecting all cameras for signs of wear or damage.
 - Updating camera firmware and system software.
 - Adjusting camera angles and fields of view as needed.
- Preventative maintenance is designed to keep your surveillance system performing reliably and to reduce the risk of unexpected issues.

Services Not Covered

The following are not included in this agreement and will be billed at the normal hourly rate:

- Installing surveillance software on additional computers or new servers.
- Reconfiguring major system settings (must be requested in writing by an authorized contact).
- Problems caused by third-party software, hardware, or “non-qualified” equipment.
- Relocation of hardware or changes caused by construction, power failures, or network issues.
- Damage caused by neglect, accidents, vandalism, theft, fire, power surges, or acts of nature.
- Supplies such as hard drives, cabling, or accessories.

Any equipment not already covered must be inspected and approved before it can be added to a maintenance agreement.



Customer Responsibilities

- Maintain current backups of all system data.
- Provide remote access when needed for troubleshooting.
- Supply accurate information for problem diagnosis.
- Ensure a proper environment for equipment (power, network, physical protection).
- Understand that Standard Surveillance & Security is not responsible for legal compliance, labor law interpretation, or building code compliance.

Limitations of Liability

Our responsibility is limited to restoring your system to good working conditions. We are **not liable** for data loss, incidental damage, or problems caused by third-party equipment or software.

Termination

- **By Customer:** You may terminate this agreement with 30 days' written notice. Payments already made are non-refundable.
- **By Standard Surveillance & Security:** We may terminate with 30 days' written notice if continued service is not practical. In that case, we will refund unused fees on a pro-rated basis.
- Termination does not remove responsibility for payments already due.

Rates agreement

- **Normal Hourly Rate (non-covered work):** \$95/hour
- **After-Hours Rate:** \$145/hour

Renewal

This agreement will automatically renew each year unless canceled in writing. Standard Surveillance & Security reserves the right to adjust the annual cost based on inflation.

Customer Signature: _____ **Date:** _____

Standard Surveillance & Security Representative: _____ **Date:** _____