

Purchasing Divison 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Request for Quotation 04 — Audio/Video

Proc Folder: 184004		
Doc Description: ADDENDUM #3 ONE TIME PURCHASE & COMPLETE INSTALL OF A CCT	v	
Proc Type: Central Purchase Order		

 Date Issued
 Solicitation Closes
 Solicitation No
 Version

 2016-08-30
 2016-09-07 13:30:00
 CRFQ
 0506 WSH1700000001
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Signal advice the state of

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV

25305

US

Vendor Name, Address and Telephone Number:
Longs Security Camera Systems LLC
10238th St S.E
Charleston WV 25304

No change in previous submitted Bid. Add cover letter and addaudum acknowledgement to bid

RECEIVED

2016 SEP -7 PM 12: 48

W PURCHASING DIVISION

FOR INFORMATION CONTACT THE BUYER

April Battle (304) 558-0067 april.e.battle@wv.gov

Signature 2

FEIN

FEIN# 20-3991880

DATE

1/7/2016

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

Page: 1

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: WSH1700000001

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 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.

(Check t	he bo	ox next to each addendum re	ceive	d)	
	_	Addendum No. 1	E]	Addendum No. 6
		Addendum No. 2	[]	Addendum No. 7
1	4	Addendum No. 3	[]	Addendum No. 8
1	3	Addendum No. 4	[]	Addendum No. 9
[]	Addendum No. 5	ſ	1	Addendum No. 10

Addendum Numbers Received:

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand 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.

Company

Authorized Signature

09/07/2016

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing. Revised 6/8/2012



Purchasing Divison 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Request for Quotation 04 - Audio/Video

Proc Folder: 184004

Doc Description: ONE TIME PURCHASE AND COMPLETE INSTALLATION OF A CCTV SYSTEM

Proc Type: Central Purchase Order

Date Issued Solicitation Closes Solicitation No Version 2016-07-15 2016-08-16 CRFQ 0506 WSH1700000001 13:30:00

DICATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV

25305

US

Longs' Security Camera Systems LLC 10238th ST SE

Charleston WV 25304

See atterched addendum # 2 and #3

FOR INFORMATION CONTACT THE BUYER

April Battle (304) 558-0067 april.e.battle@wv.gov

Signature X

FEIN # 20-3891980

DATE 08/12/2016

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

Page: 1

ADDITIONAL TERMS AND CONDITIONS (Construction Contracts Only)

1. CONTRACTOR'S LICENSE: West Virginia Code § 21-11-2 requires that all persons desiring to perform contracting work in this state be licensed. The West Virginia Contractor's Licensing Board is empowered to issue the contractor's license. Applications for a contractor's license may be made by contacting the West Virginia Division of Labor. West Virginia Code § 21-11-11 requires any prospective Vendor to include the contractor's license number on its bid. Failure to include a contractor's license number on the bid shall result in Vendor's bid being disqualified. Vendors should include a contractor's license number in the space provided below.

Contractor's Name: Longs	Security	/ Camera	Systems	ULC	
Contractor's License No.	MYDY	0102			

The apparent successful Vendor must furnish a copy of its contractor's license prior to the issuance of a Award Document.

- 2. DRUG-FREE WORKPLACE AFFIDAVIT: W. Va. Code § 21-1D-5 provides that any solicitation for a public improvement contract requires each Vendor that submits a bid for the work to submit at the same time an affidavit that the Vendor has a written plan for a drug-free workplace policy. To comply with this law, Vendor must either complete the enclosed drug-free workplace affidavit and submit the same with its bid or complete a similar affidavit that fulfills all of the requirements of the applicable code. Failure to submit the signed and notarized drug-free workplace affidavit or a similar affidavit that fully complies with the requirements of the applicable code, with the bid shall result in disqualification of Vendor's bid. Pursuant to W. Va. Code 21-1D-2(b) and (k), this provision does not apply to public improvement contracts the value of which is \$100,000 or less or temporary or emergency repairs.
- 2.1.DRUG-FREE WORKPLACE POLICY: Pursuant to W. Va. Code § 21-1D-4, Vendor and its subcontractors must implement and maintain a written drug-free workplace policy that complies with said article. The awarding public authority shall cancel this contract if: (1) Vendor fails to implement and maintain a written drug-free workplace policy described in the preceding paragraph, (2) Vendor fails to provide information regarding implementation of its drug-free workplace policy at the request of the public authority; or (3) Vendor provides to the public authority false information regarding the contractor's drug-free workplace policy.

Pursuant to W. Va. Code 21-1D-2(b) and (k), this provision does not apply to public improvement contracts the value of which is \$100,000 or less or temporary or emergency repairs.

- 3. DRUG FREE WORKPLACE REPORT: Pursuant to W. Va. 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. For contracts over \$25,000, the public authority shall be the West Virginia Purchasing Division. For contracts of \$25,000 or less, the public authority shall be the agency issuing the contract. The report shall include:
- (1) Information to show that the education and training service to the requirements of West Virginia Code § 21-1D-5 was provided;

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.
Clem Day Owner
(Name, Title) E Long, Owner
(Printed Name and Title)
(Address) (Address) (Address)
304-925-0338 /304-925-0338
(Phone Number) / (Fax Number)
(email address) Conscert @ sudden link, net
CERTIFICATION AND SIGNATURE. P
CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand
uic requirements, terms and conditions, and other information contained herein; that this hid
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 for
proposed meets the manualory requirements contained in the Solicitation for
that product or service, unless otherwise stated herein; that the Vendor accents the terms and
conditions contained in the Solicitation, unless otherwise stated herein; that I am submission ships
conditions contained in the Solicitation, 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 I am authorized by the vendor to execute
conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; 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
conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; 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
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REQUEST FOR QUOTATION Closed Circuit Television System Expansion

- 10.1.4. Failure to remedy deficient performance upon request.
- 10.2. The following remedies shall be available to Agency upon default.
 - 10.2.1. Cancellation of the Contract.
 - 10.2.2. Cancellation of one or more release orders issued under this Contract.
 - 10.2.3. Any other remedies available in law or equity.

11. MISCELLANEOUS:

11.1. Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (*W. Va. Code* §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:	
Vendor's Name: Long 5 Lecury General years toll	
Authorized Signature: Da	te: 08/12/2016
State of	
County of Kanaw Ha, to-wit:	
Taken, subscribed, and sworn to before me this 12 day of Aug	, 20 <u>16</u> .
My Commission expires	
AFFIX SEAL HERE NOTARY PUBLIC	
OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA	Purchasing Affidavit (Revised 08/01/2015)

3501 MacCorkle Ave SE Charleston, WV 25304 My Commission Expires April 17, 2020

STATE OF WEST VIRGINIA



Offices of the Insurance Commissioner

EARL RAY TOMBLIN

MICHAEL D. RILEY
Insurance Commissioner

February 25, 2016

Longs' Security Camera Systems LLC 102 38th Street SE Charleston, WV 25304

RE: Exempt ID: WCEX19820

Dear Employer.

Your request for an extension/renewal of the opinion as to your exempt status the requirement to maintain West Virginia Workers' Compensation insurance has been received and processed. According to the information provided in your application, you have no employees who are required under West Virginia law to be provided West Virginia workers' compensation coverage. Therefore, the OIC is of the opinion, based on the information provided, that you are exempt from having to maintain West Virginia workers' compensation coverage.

This exemption opinion extension/renewal is valid until March 9, 2017, or until circumstances change which require you to maintain workers' compensation coverage, such as acquiring employees or a business reobtain coverage. If such changes occur, you must either submit another request for exemption or obtain workers' compensation coverage. Failure to obtain the mandatory coverage can result in severe penalties such as an administrative fine up to \$10,000, financial responsibility for benefits paid from the uninsured fund for any accidents and losses during periods when you are not insured, and placement on the Employer Violator system, which can result in revocation of your business license and any other licenses, permits or certificates required to do business in West Virginia. Further, be reminded that in accordance with W.Va. Code §61-3-provided under the WV Workers' Compensation Act. Upon conviction, the individual shall be confined in a penitentiary for up to three years, fined up to \$10,000, or both.

Please be advised that this exemption extension/renewal is advisory in nature and does not constitute any formal adjudication or legal conclusion as to the workers' compensation status of your company, it is based solely on the information you provided to us in your application. If the information provided in the application is incorrect, unclear or ambiguous, then this exemption may also be erroneous. It is important for anyone relying on this exemption to be aware of this. Additionally, this letter does not serve in lieu of a certificate of coverage in order to allow a prime contractor to avoid liability for employees of subcontractors under W.Va. Code §23-2-1d.

Should you find that you are in need of workers compensation coverage, you may apply for coverage from one of the approved carriers of workers compensation. A list of these carriers can be found on our website at www.wvinsurance.gov underneath the box entitled Workers Compensation found in the center of the page. If 558-6279, ext 1229.

Sincerely.

Employer Coverage
Office of the West Virginia Insurance Commissioner

ec/jc





LICENSING

PAAAAAAAA

CONTRACTOR LICENSE

Authorized by the

West Virginia Contractor Licensing Board

Number:

WV040102

Classification:

LOW VOLTAGE SYSTEMS

LONGS SECURITY CAMERA SYSTEMS LLC DBA LONGS SECURITY CAMERA SYSTEMS LLC 102 38TH STREET SE CHARLESTON, WV 25304

Date Issued

Expiration Date

DECEMBER 30, 2016

DECEMBER 30, 2017

Authorized Company

Chair, West Virginia Contractor

Licensing Board

This license, or a copy thereof, must be posted in a conspicuous place at every construction site where 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 cannot be assigned or transferred by licensee. Issued under provisions of West Virginia Code, Chapter 21, Article 11.



Client#: 1145926

LONGSSEC1

ACORD.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 8/12/2016

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 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).

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	ODUCER				CONT	ACT Teresa	Allev				
USI Ins Svcs Sm C/L Bluefield					PHONE (AC, No, Ext): 276-979-1751 (AC, No): 866-609-0867						
745 S. College Ave Bluefleld, VA 24605					E-MAIL ADDRESs: teresa.alley@usl.biz					03-0007	
					INSURER(S) AFFORDING COVERAGE						
276 979-1799										NAIC#	
INSURED					INSUR			Company			20143
Long's Security System LLC											
	102 38th St. SE				INSURER C:						
Charleston, WV 25304						ERE:					
Ц.					INSUR						
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	HIRED AUTOS NON-OWNED AUTOS							PROPERTY DAMAGE		-	
								(Per accident)		\$	
	UMBRELLA LIAB OCCUR									\$	
	EXCESS LIAB CLAIMS-MADE							EACH OCCURRENCE		\$	
	DED RETENTION \$	1					-	AGGREGATE		\$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY							PER	OTH-	\$	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				- 1	İ	}	STATUTE	OTH- ER		
	(Mandatory in NH)	N/A						E.L. EACH ACCIDENT		\$	
	If yes, describe under DESCRIPTION OF OPERATIONS below						Г	E.L. DISEASE - EA EN		\$	
		_						E.L. DISEASE - POLIC	Y LIMIT	\$	
					- 1						
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ESC	RIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (/	CORD	101, Additional Remarks Schedul	e. may b	affached If mor	n enno la manda	- I			
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ER	TIFICATE HOLDER				CANOS	LATION		<u></u>			
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	Health and Human Resou	rces			SHOU	LD ANY OF TH	IE ABOVE DES	CRIBED POLICIES	BE CAN	NCELLES	REEODE
	William R Sharpe Jr Hosp		-	1	IHE	EXPIRATION	DATE THER	EOF. NOTICE W	ILL BE	DELIVE	RED IN
	936 Sharpe Hospital Road			1	AUCO	KUANCE WIT	H THE POLI	CY PROVISIONS.			ſ
	Weston, WV 26452	-			UTHOP	ZED REDDESEN	fative				
	-1650011, 114 20402					AUTHORIZED REPRESENTATIVE					

WV-73 Approved / Revised 08/01/15



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

STATE OF WEST VIRGINIA,
COUNTY OF CANAWIA, TO-WITE
I, Alau E Laug after being first duly sworn, depose and state as follows:
1. I am an employee of Organical Company Plants (Company Plants)
2. I do hereby attest that CNOS Saucia (Smorn Systems LLC (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 swork to under the penalty of perjury.
Printed Name: Alan B Long
Signature:
Title: Owner
Company Name: Comps Leconthy Compile Typens LCC
Date: 08/12/2016
Taken, subscribed and sworn to before me this 12 day of Aug 2016
By Commission expires OFFICIAL SAL
(Seal) OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRIGINIA CECIL. Terry, III The UPS Store 3501 MaxCorkle Ave SE Charleston, WV 25304 (Notary Public)
THIS AFFINAVIT MISSY PARTY AND A CONTROL OF THE
WITH WY CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISOUALIFICATION OF THE BID.

BID BOND

	KNOW ALL MEN BY THESE I	PRESENTS, That we, the	undersig	ned, <u>Long</u>	<u>'s Security</u>	Camera Sy	stem LLC
of	Charleston	,WV		, as Princi	pai, and <u>We</u>	estern Suret	y Company
	Chicago,	,;	a corporat	ion organiz	zed and exis	stina under th	e laws of the State of
SD	with its principal office	e in the City ofCh	nicago	, as	Surety, are	held and fin	mly bound unto the State
of Wes	st Virginia, as Obligee, in the pena	al sum of <u>Five Percent o</u>	<u>f Amo</u> unt	Bid	(\$	5% \	for the payment of which
well an	nd truly to be made, we jointly and	severally bind ourselves	our heirs	, administr	ators, execu	itors, success	sors and assigns.
	The Condition of the sta	.					
Donad	The Condition of the above o	bligation is such that wh	ereas the	Principal	has submit	ited to the P	urchasing Section of the
Inetall	ment of Administration a certain b	oid or proposal, attached i	ereto and	made a p	art hereof, t	o enter into a	contract in writing for
IIIotali	ation of 43 Camera's, 2 MVR	s and 5 Network Swit	ches, W	eston, W	<u> </u>		
	NOW THEREFORE,						
	(a) If said bid shall be reje	otod or					
	(b) If said bid shall be a	conted and the Dringing	l shall en	ter into a	contract in	accordance :	with the hid as
attache							
full forc	e and effect. It is expressly under	erstood and agreed that i	ligation sr ha liahilih				
event, e	exceed the penal amount of this o	bligation as herein stated			rety for any	and all claim	is nereunder shall, in no
	70.0.4.4.0						
way imp waive n	The Surety, for the value receive paired or affected by any extens otice of any such extension.	ed, hereby stipulates and lon of the time within wh	agrees the C	nat the obli bligee may	gations of s y accept su	aid Surety and s	d its bond shall be in no aid Surety does hereby
	WITNESS the following signature	iree and coals of Drivet-si-si	10				
Surety	WITNESS, the following signature by Principal individually if Bring	ires and seals of Principal	and Sure	ty, execute	ed and seale	ed by a prope	
outoty,	or by Principal individually if Princ	apai is an individual, this_	IOTH	day of	August		<u>016 </u>
Principa	nt Seal			Long	's Security	Camera Sy	vetom LLC
				<u> </u>	2	(Name of Pr	
				n/			
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						uly Authorize	
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					Miles Linear-	V Resident Agen	Attacent to Fred
				remberry t	- Miles, LICHISEO	w v russident Agen	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.

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Andrew K Teeter, Kimberly L Miles, Douglas P Taylor, Kimberly S Burdette, Jaime L Carpenter, Individually

of Charleston, WV, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 5th day of April, 2016.



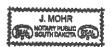
WESTERN SURETY COMPANY

Paul T Bruflet Vice President

State of South Dakota County of Minnehaba

On this 5th day of April, 2016, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires	
June 23, 2021	



J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this _______16th_day of ______August ________, 2016



WESTERN SURETY COMPANY

J. Relson, Assistant Secretary

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. 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, and 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.

AGREEMENT ADDENDUM

In the event of conflict between this addendum and the agreement, this addendum shall control:

- DISPUTES Any references in the agreement to arbitration or to the jurisdiction of any court are hereby deleted. Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims.
- 2. HOLD HARMLESS Any provision requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety.
- 3. GOVERNING LAW The agreement shall be governed by the laws of the State of West Virginia. This provision replaces any references to any other State's governing law.
- 4. TAXES Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity, the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals, nor will the Agency file any tax returns or reports on behalf of Vendor.
- PAYMENT Any reference to prepayment are deleted. Fees for software licenses, subscriptions, or maintenance are payable annually in advance. Payment for services will be in arrears.
- 6. INTEREST Any provision for interest or charges on late payments is deleted. The Agency has no statutory authority to pay interest or late fees.
- 7. NO WAIVER Any language in the agreement requiring the Agency to waive any rights, claims or defenses is hereby deleted.
- 8. FISCAL YEAR FUNDING Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget. Non-appropriation or non-funding shall not be considered an event of default.
- STATUTE OF LIMITATIONS Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted.
- SIMILAR SERVICES Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted.
- 11. <u>FEES OR COSTS</u> The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void.
- 12. ASSIGNMENT Notwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement.
- 13. <u>LIMITATION OF LIABILITY</u> The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision limiting the Vendor's liability for damages is hereby deleted. Vendor's liability under the agreement shall not exceed three times the total value of the agreement. Limitations on special, incidental or consequential damages are acceptable. In addition, any limitation is null and void to the extent that it precludes any action for injury to persons or for damages to personal property.
- 14. RIGHT TO TERMINATE Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor. Agency agrees to pay Vendor for services rendered or goods received prior to the effective date of termination.
- 15. TERMINATION CHARGES Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term.
- 16. RENEWAL Any references to automatic renewal is hereby deleted. The agreement may be renewed only upon mutual written agreement of the parties.
- 17. INSURANCE Any provision requiring the Agency to purchase insurance for Vendor's property is deleted. The State of West Virginia is insured through the Board of Risk and Insurance Management, and will provide a certificate of property insurance upon request.
- 18. RIGHT TO NOTICE Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession with notice.
- 19. ACCELERATION Any reference to acceleration of payments in the event of default or non-funding is hereby deleted.
- CONFIDENTIALITY -- Any provision regarding confidentiality of the terms and conditions of the agreement is hereby deleted. State contracts are public records under the West Virginia Freedom of Information Act.
- 21. <u>AMENDMENTS</u> All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parities. No amendment, modification, alteration or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General.
- 22. <u>DELIVERY</u> All deliveries under the agreement will be FOB destination unless otherwise stated in the State's original solicitation. Any contrary delivery terms are hereby deleted.

ACCEPTED BY: STATE OF WEST VIRGINIA	VENDOR
Spending Unit:	Company Name: Langs Security Camera Systems LLC
Signed:	Signed: Ole E Thy
Title:	Title: Ourner
Date:	Date: 8/38/2616

WV-10 Approved / Revised 12/16/15

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

	Application is made for 2.5% vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the second place of the principal place of the procedure
	business continuously in West Virginia for four (4) years immediately preceding the date of this certification; Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; or,
	Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
<u>2</u>	Application is made for 2.5% vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.	Application is made for 2.5% vendor preference for the reason checked: Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; or,
4.	Application is made for 5% vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. 	Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules. Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.
Bidder u requirem or (b) ass	nderstands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the sents for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; sess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to acting agency or deducted from any unpaid balance on the contract or purchase order.
By submauthorize the require	ission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and is the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid red business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential.
Bidder h	pereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder within this certificate changes during the term of the contract, Bidder will notify the Purchassion in writing immediately.
9	virgs Security Carners Systems LLC Signed: Ou &
Date:	08/36/2016 Title: Owner

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.



Purchasing Divison 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Request for Quotation 04 — Audio/Video

Proc Folder: 184004

Doc Description: ADDENDUM #2 ONE TIME PURCHASE & COMPLETE INSTALL OF A CCTV

Proc Type: Central Purchase Order

Date !ssued	Solicitation Closes		n No	Version
2016-08-19	2016-08-30 13:30:00	CRFQ	0506 WSH1700000001	3

AND RESERVICE ENGINEER

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV

25305

US

Vendor Name, Address and Telephone Number:
Lougs' Security Camera Systems LLC
10238th St SE
Charleston WV 26304

See attached Price Page

FOR INFORMATION CONTACT THE BUYER

April Battle (304) 558-0067

april.e.battle@wv.gov

Signature X

FEIN#

20-3881980

DATE 09/29/2016

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

Page: 1



State of West Virginia Request for Quotation 04 — Audio/Video

	Proc Folder: 184004		
	Doc Description: ADDE	NDUM #1 ONE TIME PURCHASE & COMPLETE INSTALL	OF A CCTV
	Proc Type: Central Purch	ase Order	OI ACCIV
Date Issued	Solicitation Closes	Solicitation No	Version
2016-08-15	2016-08-30 13:30:00	CRFQ 0506 WSH1700000001	2

BID RECEIVING FOR A COM			
BID CLERK	the second section of the second sec		
DEPARTMENT OF ADMINISTRATION			
PURCHASING DIVISION			
2019 WASHINGTON ST E			
CHARLESTON	W∨	25305	
US	,	2000	

Vendor Name, Address and Telephone Number:	

See attached orddendum #3

FOR INFORMATION CONTACT THE BUYER		
April Battle		
(304) 558-0067		
april.e.battle@wv.gov		
		/ /
Signature X	FEIN# 20-388(880	DATE 08/29/28/h
All offers subject to all terms and conditions contained in this	enlicitation	DATE OU CITCOID

Page: 1



State of West Virginia **Request for Quotation** 09 - Construction

Proc Folder: 181627									
Doc Description: Adder	Doc Description: Addendum No. 2 - Request for Quotation for Security Cameras								
Proc Type: Central Puro									
Solicitation Closes	Solicitation No	Version							
2016-08-31 13:30:00	CRFQ 0702 TAX1600000017	3							

Electrical Market Este Agricol

BID CLERK

Date Issued 2016-07-26

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON STE

CHARLESTON

WV

25305

US

Vendor Name, Address and Telephone Number: Longs Security Camera Systems LLC 112 38th ST SE. Charlestons WV 25304

08/30/16 12:43:43 WW Purchasing Division

	FOR	MPURMA	HON	CONT	ACT	THE	BUYE	R
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Michelle L Childers (304) 558-2063

Signature X/

michelle.l.childers@wv.gov

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

20-388/880

Page: 1

AND THE ON WEIN FOR WATERING IN

Addendum

Addendum No. 02 issued to publish and distribute the attached information to the vendor community.

The West Virginia State Purchasing Division is soliciting bids, on behalf of the Tax Division of the West Virginia Department of Revenue, to establish a one-time construction contract for the purchase of a Security Camera System(s) including installation, testing, employee training and three years of full warranty coverage, including time and materials. Installed system must have night vision, must have clarity at three hundred (300) feet in total darkness, and must provide three hundred sixty (360) degree coverage of the building exterior, including the parking lots to the side and rear of the building, sidewalks in front of, beside, and behind the building. Existing interior cameras will be replaced and additional interior cameras added. The cameras which are replaced will be sent to Surplus Property for disposition. In addition, the installed system must be capable of being remotely monitored from an off-site location, via a secure IP address.

Words de		(311)	
OPERATIONS DIVISION TAX DIVISION OF	· · · · · · · · · · · · · · · · · · ·	OPERATIONS DIVISION TAX DIVISION OF	
PO BOX 11748		REVENUE CENTER 1001 LEE ST E, STE 3	
CHARLESTON	WV25339-1748	CHARLESTON	WV 25301-1725
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Security Cameras	0.00000			

Comm Code	Manufacturer	Specification	Model #	
46171610				

Extended Description:

Security cameras needed to supply 360 degree coverage around the Revenue Center located at 1001 Lee St., East, Charleston, WV. All existing interior and exterior cameras will be replaced and additional interior and exterior cameras will be added.

See attached Price Page

Exhibit A - Pricing Page - CRFQ WSH1700000001

ltem Number	Quantity	Description	Unit Cost	Extended Cost
4.1.1	43	Indoor IP Cameras - minimum of 1 megapixel 1280x720	205.39	8,831.77
4.1.2	10	Outdoor IP Cameras - minimum of 3 megapixels 1280x720	191.10	1,911.00
4.1.3	2	Network Video Recorder - include viewing software and able to accommodate the 129 cameras	10,183.58	20,367.16
4.1.4	5	Network Switches - 24 port switch with Power over Ethernet, 1 gigabit (10/100/1000)	451.10	2,255.50
4.1.5	1	Miscellaneous installation materials and accessories needed to install, commission, and operate equipment	1000.00	1000.00
4.1.6	1	Labor - Installation and labor to install and program CCTV system. Set up workstations and system to operate and fucntion correctly	17,500.90	17,500.00
4.1.7	1	One year warranty on all material and labor	Ø	Ø
			TOTAL COST	51,865.43

TOTAL COST	
Vendor Name: Longi Security amera Systems LLC	
Vendor Address: (02 38+h ST SE	
Charleston WV 25304	
Vendor Phone/Fax Numbers: 304-925-0338 / 304-925-0338	
Vendor Email: LONGS CCTV & SUDDENTING WET	
Vendor Authorized Representative: ALAN E LONG	
Vendor Authorized Representative Signature:	

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: WSH1700000001

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 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 r	eceive	d)	
[L] Addendum No. 1]]	Addendum No. 6
Addendum No. 2	[]	Addendum No. 7
Addendum No. 3	1]	Addendum No. 8
[] Addendum No. 4	r	1	Addendum No. 0

Addendum No. 5

I understand that failure to confirm the receipt of 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.

Addendum No. 10

Langs Security a mera dystans UC

Company

Authorized Signature

08/29/20/6

Date

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

DS-96000NI-F24 (/H) (/I) Series NVR

Introduction:

The DS-96000NI-F24 (/H) (/I) series NVR (Network Video Recorder) is a new generation recorder developed by Hikvision independently. Combined with multiple advanced technologies, such as audio and video decoding technology, embedded system technology, storage technology, network technology and intelligent technology, it can both work alone as a recorder and cooperate with other device to build a comprehensive surveillance system.

The DS-96000NI-F24(/H) (/I) series NVR can be widely applied in the areas of finance, public security, military, communication, transportation, education,

Available Models:

DS-96128NI-F24, DS-96256NI-F24

DS-96128NI-F24/H, DS-96128NI-F24/L, DS-96128NI-F24/H/I

DS-96256NI-F24/H, DS-96256NI-F24/I, DS-96256NI-F24/H/I

Main Features:

Professional and Reliable

- Pluggable HDD design provides a convenient HDD installation and maintenance way; Unique chassis based on patented design ensures environmental friendly and low-noise running.
- Adopt professional embedded hardware and software, and pioneering dual-OS design to ensure the reliability of system running.
- Support redundant power supply to improve the system stability. Adopt ANR technology to enhance the storage reliability when the
- network disconnected, Supports HDD hot swap with RAID0, RAID1, RAID5, RAID10 storage
- scheme configurable.

 Either normal or hot spare working mode is configurable to constitute an
- N+1 hot spare system.

- Connectable to the third-party network cameras like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- Up to 128/256 IP cameras can be connected.
- Support live view, storage, and playback of the connected camera at up to 8 megapixels resolution.

HD Output

- Simultaneous HDMI1/VGA output as the main output and the HDMI2 works as the auxiliary output.

 Video outputs at up to 1920×1080 resolution.

 Powerful decoding capacity: D
- Powerful decoding capacity: DS-96000NI-F24/H and DS-96000NI-F24/H/I support decoding up to 44 channels at 1080P resolution, and provide 12 HDMI outputs for display on video wall.

Up to 24 SATA hard disks can be connected, for both recording and backup.

HD Transmission

4 self-adaptive 10M/100M/1000M network interfaces and 4 1000M optical fiber interfaces.

- Centralized management of IP cameras is supported, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording playing back, and backing up of VCA alarms can be realized

VCA detection alarm is supported.

VCA search for face detection, behavior analysis, people counting and heat map.

New GUI and support starting record with one key.

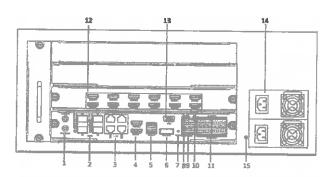
- Realize instant playback for assigned channel during multi-channel display mode.
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency.
- Support HDD quota and group modes; different capacity can be assigned to different channels.



Physical Interfaces:

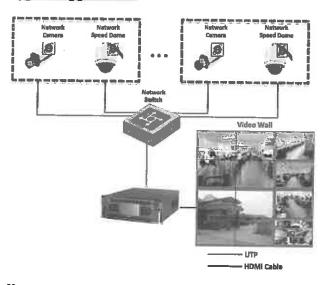
Name

Index



1	RCA connector for audio output and output
2	4 Fiber Optic Interfaces
3	4 LAN network interfaces
4	2 HDMI video output connectors
5	USB 3.0 Interfaces
6	miniSAS Interface (optional)
7	Reset the device.
8	RS-485 Interface
9	RS-232 Interface
10	Controller Port
11	ALARM IN and ALARM OUT
12	HDMI Output Extension Board (for /H and /H/I models only)
13	VGA Interface
14	100~240VAC Power Input (Dual Power Supplies)
15	GND The state of t

Typical Application:



Note: The /H and /H/I models provide 12 HDMI outputs for video wall display.



Specifications:

Model		DS-96128NI-F24, DS-96128NI-F24/H, DS-96128NI-F24/I, DS-96128NI-F24/H/I	DS-96256NI-F24, DS-96256NI-F24/H, DS-96256NI-F24/L, DS-96256NI-F24/H/I	
	IP video input	128-ch	256-ch	
Video/Audio input	ix viaco inpat	Up to 8MP resolution		
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)		
	Incoming bandwidth	400Mbps	640Mbps, or 400Mbps (when RAID is enabled)	
Network	Outgoing bandwidth	400Mbps	400Mbps	
	Remote connection	256		
	Recording resolution	8MP/6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
	HDMI1/VGA output resolution	1-ch, 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz		
Video/Audio output	HDMI2 output	1-ch, 1920 ×1080P /60Hz, 1600 ×1200 /60Hz, 1280 ×1024 /60Hz, 1280 ×720 /60Hz, 1024 × 768 /60Hz		
	HDMI outputs (on HDMI Output Extension Board)	12-ch (for /H and /H/I models only), 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz		
	LCD Screen	Available for /H and /H/I models only		
	Audio output	1-ch, RCA (2.0Vp-p, 1KΩ)		
	Live view / Playback resolution	8MP/6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/QCIF		
Decoding	Synchronous playback	16-ch		
	Capability	DS-96000NI-F24 and DS-96000NI-F24/I: 8-ch@1080P DS-96000NI-F24/H and DS-96000NI-F24/H/I: 44-ch@1080P		
	SATA	24 SATA interfaces for 24 HDDs		
Hard disk	miniSAS (Optional)	1 miniSAS interface		
	Capacity	Up to 6TB capacity for each HDD		
Disk array	Array type	RAID0, RAID1, RAID5, RAID10		
200.41,43	Number of arrays	24		
	Network interface	4, RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface		
External	Optic fiber interface	4, 1000 Mbps optic fiber interface		
interface	Serial interface	RS-232; RS-485; Keyboard		
	USB interface	Front panel: 1 ×USB 2.0; Rear panel: 2 ×USB 3.0		
	Alarm in/out	16/8		
	Power supply	100 ~ 240 VAC, 50 ~ 60 Hz		
	Max. Power	600 W		
	Consumption (without hard disk)	≤100 W		
General	Working temperature	-10°C ~+55°C (14°F ~ 131°F)		
	Working humidity	10 % ~ 90 %		
	Chassis	19-inch rack-mounted 4U chassis		
	Dimensions(W ×D ×H)	447 ×528 ×172 mm (17.6" ×20.8"×6.8")		
	Welght(without hard disk)	≤28.1 Kg (61.9 lb)		

Notes:

In this example, B=400Mbps, C=4Mbps, D=1Mbps and A = B/(C+D) = 400 / (4+1) = 80. So the number of IP cameras can be connected with is 80.

ATTACHMENT B

First Ald and CPR Training RESOURCE LIST

COUNTY	ORGANIZATION	CONTACT	TIME AND DATES	COST
Kanawha	American Red Cross	(304) 340-3650	Log onto www.cwv-redcross.org	\$25.00 CPR/Infant & Child; \$25.00 First Aid
	Charleston Area Medical Center	Francina Thomas (304) 539-6969	Call for schedule; varies	\$50.00
	First Aid & Safety Training (Johnny Winell, Certified CPR/First Aid Instructor)	(304) 341-8936 (pager) (304) 550-8161 (cell)	Call to schedule date and time; on site training available	Call for pricing; adult and pediatric First Aid/CPR after hours and Saturday trainings available; special arrangements for classes under 5
	Kanawha Ambulance Authority	Gary Davis (304) 345-2312 ext. 171	Usually last Friday of the month beginning at 5:30pm	\$10.00
 	Victor Workman (Certified CPR/First Aid Instructor)	(304) 590-2143 (304) 595-5423	Call to schedule date and time	Call about pricing, he will give a good deal to providers or centers
Jackson	First Aid & Safety Training (Johnny Winell, Certified CPR/First Aid Instructor)	(304) 341-8936 (pager) (304) 550-8161 (cell)	Call to schedule date and time; on site training available	Call for pricing; adult and pediatric First Aid/CPR after hours and Saturday trainings available; special arrangements for classes under 5
	Jackson General Hospital	Nancy Games (304)373-1516	2 nd Monday of every month; begins at 8:30 and usually out by noon	\$25.00 per class or \$35.00 for both
	Parent Educator Resource Center	(304) 273-3545	Offers once in spring and once in fall	\$5.00
Clay	American Red Cross	(304) 340-3650	Log onto www.cwv.redcross.org	\$25.00 CPR/Infant & Child \$25.00 First Aid
	Clay Ambulance Service	(304) 587-2554	Offered on Saturdays; call for times and locations	\$15.00
	First Ald & Safety Training (Johnny Winell, Certified CPR/First Aid Instructor)	(304) 341-8936 (pager) (304) 550-8161 (cell)	Call to schedule date and time; on site training available	Call for pricing; adult and pediatric First Aid/CPR after hours and Saturday trainings available; special arrangements for classes under 5
Roane	American Red Cross	(304) 485-7311	Call for dates and times	\$25.00 CPR/Infant & Child \$25.00 First Aid
	First Aid & Safety Training (Johnny Winell, Certified CPR/First Aid Instructor)	(304) 341-8936 (pager) (304) 550-8161 (cell)	Call to schedule date and time; on site training available	Call for pricing; adult and pediatric First Aid/CPR after hours and Saturday trainings available; special arrangements for classes under 5
	Roane County Emergency Squad	Jimmy Steenburgh (304) 927-3725	4 hour classes; schedule on an as needed basis	\$3.00 per card



DS-2CD2512F-I(S)

1.3MP Mini Fixed Focal Network Camera





Key features

- Up to 1.3 megapixel (1280 x 960) resolution
- HD real-time video
- -I: IR LEDs (up to 10m)
- DWDR & 3D DNR & BLC
- Onboard storage (up to 64 GB)
- -S: Audio I/O, Alarm I/O
- IP66 protection
- Vandal-proof housing

Accessories



DS-12782J-120 lendant cap for 25x3 mini dome (thread

Sipecifications ____

	08-3Cb26(2F4)8)		
Server			
Image sensor	1/3" progressive scan CMOS		
Min. illumination	0.19 Lux@F2.0, AGC on 0 Lux with IR		
Shutter time	1/30s ~ 1/100,000s		
Lens	4mm@F2.0, angle of view: 75.8° (2.8mm, 6mm optional)		
Lens mount	M12		
Day & night	ICR		
Digital noise reduction	3D DNR		
Wide dynamic range	Digital WDR		
Backlight compensation	Yes, zone configurable		
\$.2·两个翻译图如郑德的图》			
Video compression	H.264/MJPEG		
H.264 compression profile	Main profile		
Bit rate	32 Kbps 16 Mbps		
0.888			
Max. image resolution	1280 x 960		
Frame rate	60Hz: 30fps (1280 x 960), 30fps (1280 x 720)		
Image settings	Saturation, brightness, contrast adjustable through client software or web browser		
Network	The state of the s		
Network storage	NAS		
Alarm trigger	Motion detection, tempering alarm, network disconnect, IP address conflict, storage exception		
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802-1x, Quis		
System compatibility	ONVIF, PSIA, CGI		
General functionalities	Flickerless, dual stream, heartbeat, mirror, user authentication, video mask, watermark		
interface	The state of the s		
Communication interface	1 RJ45 10M / 100M ethernet port		
On-board storage	Built-in Micro SD card slot, up to 64 GB		
दे थ ा द शह			
Operating conditions	-30 °C ~ 60 °C (-22 °F ~ 140 °F), humidity 95% or less (non-condensing)		
Power supply	DC12V ± 10%, PoE (802.3af)		
ower consumption	Max. 7W		
mpact protection	iEC60068-2-75Eh, 50J; EN50102, up to IK10		
ngress protection level	IP66		
R range	Up to 10m		
Dimensions	99.9 × 97.5 × 46.5 mm (3.93" × 3.84" × 1.83")		
Veight	250g (0.55 lbs)		
vellable modele			

Available models

DS-2CD2512F-I, DS-2CD2512F-IS

- * -S (special order): Audio I/O interface and Alarm I/O interface.
- * -I: IR LEDs, up to 10m.
 * Includes Single Gang Box adapter plate.

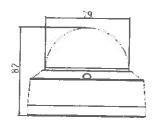


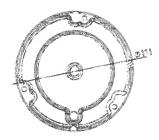


Key features

- 2MP / 3MP high resolution
- · HD real-time video
- 3D DNR & DWDR & BLC
- IR LEDs: up to 30m
- IP66
- Vandal-proof
- PoE
- Onboard storage (up to 64GB)
- Wi-Fi optional

Dimensions





Available models

2.0MP:

DS-2CD2122F-I, DS-2CD2122F-IS, DS-2CD2122F-IW, DS-2CD2122F-IWS 3.0MP:

DS-2CD2122F-I, DS-2CD2122F-IS, DS-2CD2122F-IW, DS-2CD2122F-IWS

- * 1.3MP model is also available DS-2CD2112F-I
- * -S: Audio I/O interface, Alarm I/O interface, -W: Built-in WI-Fi

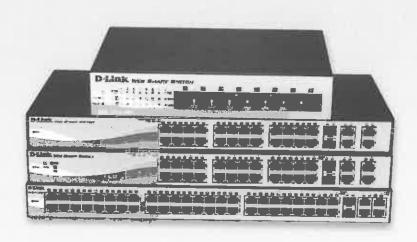
Camana			
Camera			
Image sensor	1/3" Progressive Scan CMOS		
Min. Illumination	0.01 lux@F1.2, AGC ON, 0 lux with IR	0.07Lux @F1.2, AGC ON, 0 lux with IR	
Shutter time	1/3s ~ 1/100,100s	- Sas Lot et 1.2,7 de on, o lax will in	
Lens	4mm @ F2.0 (2.8mm, 6mm optional) Angle of view: 98.5°(2.8mm), 79°(4mm), 49°(6mm)	4mm @ F2.0 (2.8mm, 6mm optional) 2048 × 1536: Angle of view; 86°(2.8mm), 70°(4mm), 43.3°(6mm) 1920 × 1080: Angle of view:	
Lens mount	M12	98.5°(2.8mm), 79°(4mm), 49°(6mm)	
Angle adjustment	Pan: 0° ~ 355°, Tilt: 0° ~ 65°, Rotation: 0 ~ 3		
Digital noise reduction	3D DNR	DU'	
Wide dynamic range			
Day & night	Digital WDR		
	IR cut filter with auto switch		
Compression Standard			
Video compression	H.264 / MJPEG		
H.264 codec profile	Main profile		
Bit rate	32 Kbps ~ 16 Mbps	200.	
Dual stream	Yes		
lmage			
Max. Image Resolution	1920 x 1080	2048 × 1536	
Frame rate		50Hz: 20fps (2048 × 1536), 25fps (1920 × 20) 1080), 25fps (1280 × 720) (0) 60Hz: 20fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1920	
Image settings	Saturation, brightness, sharpness, contrast,	sharpeness adjustable through client softwar	
mage settings	or web browser		
BLC	Yes, zone configurable		
ROI	Yes, up to 3 configurable areas		
Vetwork	res, up to a configurable areas		
Vetwork storage	Land show as Built to the grant and the same		
	Local storage: Built-in Micro SD/SDHC/SDX	card slot, up to 64 GB ; NAS	
Alarm trigger	Face detection, line crossing detection, intrusion detection, scene change detection, Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage full, Storage error		
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, I SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour	DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP,	
system compatibility	ONVIF, PSIA, CGI, ISAPI		
General functionalities	User Authentication, Watermark		
eneral function	Flickerless, dual stream, heartbeat, mirror, pa		
nterface	reactions, additionally free to car, friends, po	assword protection, watermark	
ommunication interface	1 RJ45 10M/100M Ethernet Interface	 	
Vi-Fi Specification (Only for	1 1045 TOWN TOWN EUTernet Interface		
Vireless Standards	IEEE802.11b, 802.11g, 802.11n Draft		
requency Range	.2.4 GHz ~ 2.4835 GHz		
hannel Bandwidth	20/40MHz Support		
rotocols	802.11b; CCK, QPSK, BPSK; 802.11g/n; OFDA	A	
ecurity	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2	-PSK WPS	
ransmit Output Power	11b: 17±1.5dBm @ 11Mbps ; 11g: 14±1.5dBr	n @ 54Mbps : 11n: 12.5+1 5d8m	
eceive Sensitivity	11b: -90dBm @ 11Mbps (Typical): 11g: -75d	Bm @ 54Mpbs (Typical) ; 11n: -74dBm (Typica	
ransfer Rates	11b: 11Mbps ; 11g: 54Mbps ; 11n: up to 150	Whose	
/Ireless Range	Outdoor: 200m, Indoor: 50m; "The performance varies based on actual environment.		
/ireless Standards	IEEE802.11b, 802.11g, 802.11n Draft	ance varies pased on actual environment.	
eneral	LECTORE I ID, COZETTO, BOZETTI DI BIL		
perating conditions	20°C 60°C (27°°C 140°C)	geringstreepering to the first term	
ower supply	-30 °C ~ 60 °C (-22 °F ~ 140 °F); Humidity 95	% or less (non-condensing)	
ower supply ower consumption	12 V DC ± 10% ; PoE (802.3af)		
pact protection	Max. 5 W (Max. 7 W with IR cut filter on) IEC60068-2-75Eh, 20J; EN50102, up to IK10		
gress protection	-W: En50102, up to IK8		
range	IP66		
	30 meters		
lmensions leight	Φ111 × 82 (4.4" × 3.2")		
	500g (1.1 lbs)		





Product Highlights

- Class leading performance Flighter to It limit is easily and fester packet for Warding Late
- Advanced L2 features
 Managed Switch features without the complexity
 and high rost
- Optimised for VolP and IP surveillance Automatic provincation of VolF and IP surveillance traffic without complicated Setup
- D-LinkGreen Advanced power saving technologies



The DES-1210 Series is the latest generation of Smart Switches. Equipped with 8, 24 or 48 Fast Ethernet ports, 2 Gigabit ports2 and 2 combo Gigabit/SFP ports2, this series offers

all the features needed in a small and medium business, without the complexity or cost

involved. The built-in web interface and PC based SmartConsole Utility make these

switches easy to deploy, configure and troubleshoot, its complete set of features allows

The PoE option is available on the 8 and 24 port members of the family. Integrating

technologies such as time-based PoE which allows the power to be shut off at a

predetermined time, saving power on VolP phones, Wireless Access Points or any other

PoE equipment. The DES-1210-28P utilises Smart Fan feature, automatically turning on the system fans only when necessary. This not only saves energy

and cost but it also extends the lifespan of the switch. The DES-1210-28P is also

compliant with the new PoE+ standard, enabling it to feed up to 30 Watts to

for seamless integration in every environment,

connected devices.

Extensive set of Features

DES-1210-08P/28/28P/52

Fast Ethernet Smart Switches

Key Features

Green Technology

- Fanless Design-silent operation
- Time-based PoE

Security Features

- Access Control List
- D-Link Safeguard Engine CPU from malicious traffic
- Port Security
- ARP Spoofing
- DHCP server screening
- Smart binding

Intuitive Management

- IPv4/ IPv6 Dual Stack
- IPv6 management
- Web GUI (supports 10 languages) SmartConsole utility
- SNMP and RMON
- Simplified CLi through Teinet

VolP & IP Surveillance

- Highest priority for VolP services
- Auto Voice VLÁN

QoS

- Ensures efficient delivery of mission critical data
- Layer 3 CoS (DSCP)

Advanced Features

- Loopback Detection automatically disables
- a port when a loop is detected Cable Diagnostics allows administrators to determine the cable status
- Rapid Spanning Tree prevents loops and ensures availability
- IGMP snooping save bandwidth on multicast traffic
- Asymmetric VLAN

Layer 2 QoS (4 queues)

Equipped with a complete line-up of features, these switches include Quality of Service, Port Trunking, Spanning Tree and IGMP snooping. Network monitoring and maintenance features include Port Mirroring, Loopback Detection and the innovative Cable Diagnostics. With Cable diagnostics, the switch will flag a faulty Ethernet cable

connected to any of its ports, detailing the type of error detected.

Except DES-1210-28P

[&]quot;Not available for the DES-1210-0RP



Ready for network convergence

These switches are ideal for converged networks, where IP telephony/VolP, iP surveillance systems and traditional data traffic are integrated in the data flow. The Auto Voice and Auto Surveillance VLAN features will automatically place these types of traffic on separate VLANs, thus guaranteeing the confidentiality, prioritisation and quality of these services on the network.

Secure your Network

The DES-1210 series support RADIUS authentication, to ensure that only authorised users are able to log into the network in addition, the Access Control List (ACL) feature further enhances security by ensuring that network resources are accessible only by their legitimate users in addition, the DES-1210 Series protects against the most widespread network attacks, such as ARP spoofing or rogue DHCP servers. Smart Binding manages unwanted access to your network. This is done by checking IP and MAC address on a particular port against a pre-configured database before allowing or denying access.

Avoid Network Disruption

D-Link's innovative Safeguard Engine protects against traffic flooding caused by broadcast storms or virus attacks, blocking traffic that reaches the definable threshold and avoiding network lock-ups before they occur Spanning Tree (STP) and Rapid Spanning Tree (RSTP) allow for redundant paths in a network to ensure servers and other resources are always available.

Versatile Management

The new generation of Smart switches is provided with an intuitive PC-based SmartConsole utility and a friendly web interface that enables administrators to configure and control their rietwork down to the port level. The SmartConsole automatically discovers multiple D-Link Web Smart Switches within the same network segment, so administrators can access all of them even before they have been configured. This allows for very quick deployments and initial setups, including firmware upgrades. For more advanced administrators, the DES-1210 series supports a Command Line Interface (CLI) accessible with Telnet.

D-LinkAssist Rapid Response Support

If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance
D-Link Assist Silver is designed for 'high availability' businesses
that require rapid response within regular working hours. It
provides a four hour response service Monday to Friday from
8 am to 5 pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.



Technical Specifications	DES-1210-08P	DES-1210-28	DES-1210-28P	DES-1210-52
General				
Size	- Desktop	-19"rack mountable, 1U		
Interface	•8 10/100BASE-TX	- 24 10/100BASE-TX - 2 1000BASE-T - 2 Combo 1000BASET/SFP	- 24 10/100BASE-TXP0E - 2 1000BASE-T - 2 Combo 1000BASET/SI	-48 10/100BASE-TX -2 1000BASE-T P -2 Combo 1000BASET
Port Standards	• IEEE 802.3 Ethernet • IEEE 802.3u Fast • Ethernet	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3u Gigabit Ethernet IEEE 802.3z Gigabit Ethernet		
Auto negotiation	• Yes		~~ (since)	
IEEE 802.3x Flow Control	» Yes			
Auto MDI/MDIX	• Yes			
Performance				
Switching Capacity	• 1.6 Gbps	-12.8 Gbps	12.0 Ch	7
64-Byte Packet Forwarding Rate	• 1.19 Gbps	•9.5 Mpps	-12.8 Gbps	• 17.6 Gbps
MAC Address Table Size	- 8k Entries	1 . 2.3 (6)2/2	• 9.5 Mpps	•13.1 Mpps
Flash Memory	• 16 MB			
Transmission Method	• Store-and-forward			
Packet Buffer Memory	- 384KB	-512kb	-512kb	
РоЕ		1 31210	- 312KO	• 1 MB
PoE Standard	802.3af	Ţ	L 000 0 6 L000 0	
PoE Capable Ports	• Port 1-8 up to 15.4		-802.3af and 802.3at	
	watts per port	To the second se	Port 1-4 upto 15.4 or 30 watts per port Port 5-24 upto 15.4 watts per port	
PoE Power Budget	• 72 watts		- 193 watts	
LEDs				
Power (Per Device)	- Yes			
Console (Per Device)	- Yes			
Link/Activity/Speed (Per Port)	• Yes			
Physical & Environmental				-
WTBF (Hours)	- 274,382	• 356,242	- 205,416	1 100
Acoustics	-0 dB	-OdB		• 592,770
leat Dissipation	- 305.03 BTU/hr	-60.05 BTU per hour	-53.9 dB	•0 dB
ower Input		Internal Universal Power Supply	- 866.65 BTU per hour	• 98.61 BTU per hour
Max Power Consumption	89.4 Watts (PoE on) 9.6 Watts (PoE off)	• 13.4 watts	• 254 watts (PoE on), • 26.4 watts (PoE off)	• 28.9 watts
imensions (WxDxH)	• 190 x 120 x 38 mm	•440 x 140 x 44 mm	•440 x 250 x 44 mm	•440 x 250 x 44 mm
an Quantity	- Fanless	- Fanless	3 Smart Fans	• Fanless
perating Temperature	-0 to 40° C			1 01110233
torage Temperature	-10 to 70° C			
perating Humidity	- 5% to 95% non-condensing	}		
mission (EMI)	- FCC Class A, CE Class A, VCC	l Class A, IC, C-Tick		
afety	- cUL, LVD			



Software Features

L2 Features

- MAC Address Table
- 8K entries
- Flow Control
- -802 3x Flow Control
- · HOL Blocking Prevention
- IGMP Snooping
- -IGMP v1/v2 Snooping
- · Supports 256 IGMP groups
- Supports at least 64 static multicast addresses
- IGMP per VLAN
- Supports IGMP Quener
- Spanning Tree Protocol
- -802 1D STP
- -802.1w RSTP
- Loopback Detection
- 802 3ad Link Aggregation
- 4 groups per device (DES-1210-08F)
- 14 groups per device (DES-1210-28/28P)
- 26 groups per device (DES-1210-52)
- 8 ports per group
- Port Mirroring
- One-to-One
- Many-to-One
- Supports Mirroring for Tx/Rx/Both
- Cable Diagnostics
- Configurable Auto MDI/MDIX
- Multicast Fiftering
- Forwards all unregistered groups
- Filters all unregistered groups

VLAN

- · 802.1Q
- VLAN Group
- Max 256 static VLAN groups
- Max 4094 VIDs
- Management VLAN
- Asymmetric VLAN
- Auto Voice VLAN
- Max. 10 user-defined OUI
- Max. 8 default OUI

QoS (Quality of Service)

- 802.1p Quality of Service
- 4 queues per port
- Queue Handling
- Strict
- Weighted Round Robin (WRR)
- CoS based on
- 802.1p Priority Queues
- DSCP
- -ToS1
- Bandwidth Control
- Port-based (ingress/Egress, min. granularity 64 Kb/s for 10/100 Mbps and 1850 Kb/s for 1000 Mbps)

Except DES-1210-28P

Access Control List (ACL)

- Max. 50 profiles
- Max. 200 rules shared by profiles
- ACL based on
- MAC Address
- IPv4 Address
- ICMP/IGMP/TCP/UDP
- -VLANID
- -802.1p Priority Queues
- DSCP
- ACL Actions
- Permit
- Denv

Security

- · 802.1X
- Port Security
- Supports up to 64 MAC addresses per port
- Broadcast/Multicast/Unicast Storm Control
- Static MAC
- · D-Link Safeguard Engine
- DHCP Server Screening
- ARF Spoofing Prevention
- Max 64 entries
- · SSI 2
- Supports v1/v2/v3
- Supports IPv4
- · Smart Binding

MIB

- 1213 MIB II
- 1493 Bridge MIB
- 1907 SNMP v2 MIB
- 1215 Trap Convention MIB 2233 Interface Group MIB
- D-Link Private MIB
- Power-Ethernet MIB
- LLDP MIB¹

RFC Standard Compliance

- RFC 768 UDP
- RFC 791 JP
- RFC 792 ICMP
- RFC 793 TCP
- ■RFC 826 ARP
- RFC 854 Teinet Server
- RFC 855 Telnet Server
- RFC 856 Teinet Binary

Transmission

- RFC 858 Telnet Server
- RFC 896 Congestion Control in

TCP/IP Network

RFC 903 Reverse Address

Resolution Protocol

- RFC 951 BootP Client
- RFC 1155 MIB
- RFC 1157 SNMP v1
- RFC 1191 Path MTU Discovery
- RFC 1212 Concise MIB

Definition

- RFC 1213 MIB II, IF MIB
- RFC 1215 Traps for use with the SNMP
- RFC 1239 Standard MIB
- RFC 1350 TFTP
- RFC 1493 Bridge MJB
- RFC 1519 CIDR
- RFC 1945 HTTP/1.0
- RFC 2131 DHCP
- RFC 2132 DHCP Options and **BOOTP Vendor Extensions**
- RFC 2138 Radius

Authentication

- RFC 2233 Interface MIB
- RFC 2578 Structure of Management Information Version 2 (SMIv2)
- RFC 2647 802 1p
- RFC 3416 SNMP
- RFC 3417 SNMP
- RFC 3621 Power Ethernet

Management

- Web-based GUI
- Compact CLI through Telnet
- Telnet Server
- SmartConsole Utility
- TFTP Client
- SNMP
- Supports v1/v2/v3
- SNMP Trap
- Trap for SmartConsole Utility
- System Log - Max. 500 log entries
- Supports iPv4 log server BootP/DHCP Client
- · Time Setting
- SNTP
- · LLDP, LLDP-MED
- Time-based PoE
- IPV6 Management

RMON v1 group 1, 2, 3, 9



Optional SFP Trai	nsceiver <mark>s</mark>		
DEM-310GT	- 1000BASE-LX, Single-mode, 10 km		
DEM-311GT	■1000BASE-SX, Multu-mode, 550 m		
DEM-312GT2	- 1000BASE-SX, Multi-mode, 2 km		
DEM-314GT	- 1000BASE-LX, Single-mode, 50 km		
DEM-315GT	- 1000BASE-LX, Single-mode, 80 km		
DEM-210	* 1000BASE-LX, Single-mode, 15 km		
DEM-211	• 1000BASE-LX, Single-mode. 2 km		
Optional WDM SF	P Transceivers		
DEM-220T	100BASE-BX, Wavelength Tx:1550nm Rx:1310nm, Single-mode, 20km OptionalRx:1310nm, Single-mode, 20km Optional		
DEM-220R	100BASE-BX, Wavelength Tx:1310nm Rx:1550nm, Single-mode, 20kmRx:1550nm, Single-mode, 20km		
DEM-330T	1000BASE-LX, Wavelength Tx 1550nm Rx:1310nm, Single-mode, 10kmRx:1310nm, Single-mode, 10km		
DEM-330R	1000BASE-LX, Wavelength Tx:1310nm Rx:1550nm, Single-mode, 10km		
DEM-331T	• 1000BASE-LX, Wavelength Tx:1550nm Rx:1310nm, Single-mode, 40km		
DEM-331R	- 1000BASE-LX, Wavelength Tx:1310nm Rx: 1550nm. Single-mode, 40km		
Optional Manage			
OV-600S	D-View 6.0 Network Management System (Standard Edition)		
OV-600P	D-View 6.0 Network Management System (Professional Edition)		
DV-601P	• E2ES Console Plugin for D-View 6.0		





For more information: www.dlink.com

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