



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

Request for Quotation

RFQ NUMBER
PSH90063

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
ROBERTA WAGNER 804-558-0067

RFQ COPY
TYPE NAME/ADDRESS HERE
Mountain State Building Automation, LLC
6444 Sissonville Drive
Sissonville, WV 25320

HEALTH AND HUMAN RESOURCES
PINECREST HOSPITAL
105 SOUTH EISENHOWER DRIVE
BECKLEY, WV
25801 304-256-6614

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/25/2008				

BID OPENING DATE: 01/08/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	5	EA		936-73	\$ 4800 ⁰⁰	\$ 24,000 ⁰⁰
***** BID BOND AND PURCHASING AFFIDAVIT REQUIRED WITH BID SUBMISSION. ***** MANDATORY PRE-BID MEETING ON 12/16/2008 AT 10:00 AM IN ROOM #B109 AT PINECREST HOSPITAL LOCATED AT 105 E. EISENHOWER DRIVE, BECKLEY, WV 25801. *****						
DIGITAL VIDEO RECORDERS PER SPECIFICATIONS						
INQUIRIES: WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH CLOSE OF BUSINESS ON 12/18/2008. QUESTIONS MAY BE SENT VIA USPS, FAX, COURIER OR E-MAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO: ROBERTA WAGNER DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25311 FAX: 304-558-4112 E-MAIL: ROBERTA.A.WAGNER@WV.GOV						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE (304) 984-0415	DATE 1/12/09
TITLE Vice President	FEIN 263312652	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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<p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS. EXHIBIT 5</p> <p>WEST VIRGINIA CODE 21-1D-5 PROVIDES THAT: ANY SOLICITATION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK TO SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED PURCHASING AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTICLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED PURCHASING AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID.</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 60 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>Cir E. Cato</i>		TELEPHONE (304) 984-0415		DATE 1/12/09		
TITLE Vice President		FBN 263312652		ADDRESS CHANGES TO BE NOTED ABOVE		

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<p>RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR RALEIGH COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>() BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL B</p>						
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<p>SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p> <p>() MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p> <p>DOMESTIC ALUMINUM, GLASS & STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE			TELEPHONE		DATE	
<i>Craig E. Carter</i>			(304) 984-0415		1/12/09	
TITLE Vice President			FERN 263312652		ADDRESS CHANGES TO BE NOTED ABOVE	

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<p>POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE & ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
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<p>AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC</p> <p>ADDENDUM NOS.:</p> <p>NO. 1 ✓ CEC 1/12/09</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE				TELEPHONE	DATE	
TITLE Vice President				(304) 984-0415	1/12/09	
FEIN				ADDRESS CHANGES TO BE NOTED ABOVE		
263312652				ADDRESS CHANGES TO BE NOTED ABOVE		

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NO. 2						
NO. 3						
NO. 4						
NO. 5						
<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.</p> <p>VENDOR MUST CLEARLY 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.</p> <p><i>Craig E. Carter</i> SIGNATURE Mountain State Building Automation, LLC COMPANY 1/12/09 DATE</p> <p>REV. 11/96</p> <p>CONTRACTORS LICENSE</p> <p>WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE</p> <p>SEE REVERSE SIDE FOR TERMS AND CONDITIONS</p> <p>SIGNATURE <i>Craig E. Carter</i> TELEPHONE (304) 984-0415 DATE 1/12/09</p> <p>TITLE Vice President FEIN 263312652 ADDRESS CHANGES TO BE NOTED ABOVE</p> <p>WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'</p>						



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<p>MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.</p> <p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p> <p>BIDDER TO COMPLETE:</p> <p>CONTRACTORS NAME: <i>Mountain State Building Automation, LLC</i></p> <p>CONTRACTORS LICENSE NO.: <i>WV044802</i></p> <p>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT</p> <p>APPLICABLE LAW</p> <p>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</p> <p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATI- CALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>C. E. C.</i>		TELEPHONE (304) 984-0415		DATE 1/12/09		
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REV. 1/2005						
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
PLEASE NOTE: A CONVENIENCE COPY WOULD BE APPRECIATED. THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER:-----RW/FILE 22-----						
REQ. NO.:-----PSH90063-----						
BID OPENING DATE:-----1/8/2009-----						
BID OPENING TIME:-----1:30 PM-----						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
(304) 984-0124						
PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE: CRAIG CARTER						

SIGNATURE		TELEPHONE		DATE
<i>Craig Carter</i>		(304) 984-0415		1/12/09
TITLE Vice President		FEIN 263312652		ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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

Request for Quotation

RFQ NUMBER
PSH90063

PAGE
10

ADDRESS CORRESPONDENCE TO ATTENTION OF
ROBERTA WAGNER 304-558-0067

RFQ COPY
TYPE NAME/ADDRESS HERE

Mountain State Building Automation, LLC
6444 Sissonville Drive
Sissonville, WV 25320

HEALTH AND HUMAN RESOURCES
PINECREST HOSPITAL
105 SOUTH EISENHOWER DRIVE
BECKLEY, WV 25801 304-256-6614

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS		
11/25/2008						
BID OPENING DATE: 01/08/2009		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0002	5	EA		936-73 UNINTERRUPTIBLE POWER SUPPLY	\$300 ⁰⁰	\$1500 ⁰⁰
0003	5	EA		936-73 16 CHANNEL POWER SUPPLY	\$300 ⁰⁰	\$1500 ⁰⁰
0004	53	EA		936-73 SONY SPE-110, OR EQUAL, VANDAL PROOF DOME CAMERA	\$169 ⁰⁰	\$9000 ⁰⁰
0005	10	EA		936-73 LICENSE PLATE RECOGNITION ULTRA SENSITIVITY COLOR	\$300 ⁰⁰	\$3000 ⁰⁰
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>Chris E. Carter</i>				TELEPHONE (304) 984-0415	DATE 1/12/09	
TITLE Vice President		FEIN 263312652		ADDRESS CHANGES TO BE NOTED ABOVE		
WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'						



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105 SOUTH EISENHOWER DRIVE
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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS		
11/25/2008						
BID OPENING DATE: 01/08/2009		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0006	1	JB		936-73	\$ 6000.00	\$ 6000.00
MOUNTING BRACKETS, CABLE AND CABLE TERMINATIONS WITH						
0007	1	JB		936-73	PROVIDED WITH DVR - NO COST	
REQUIRED SOFTWARE FOR SECURITY SYSTEM						
0008	1	JB		936-73	\$ 29,965.00	\$ 29,965.00
LABOR COSTS						
0009	1	LS		936-73	\$ 1000.00	\$ 1000.00
MISCELLANEOUS COSTS						
***** THIS IS THE END OF RFQ PSH90063 ***** TOTAL:						\$ 75,965.00
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>Chris E. [Signature]</i>		TELEPHONE (304) 984-0415		DATE 1/12/09		
TITLE Vice President		FEN 263312652		ADDRESS CHANGES TO BE NOTED ABOVE		
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PINECREST HOSPITAL
105 SOUTH EISENHOWER DRIVE

BECKLEY, WV
25801

304-256-6614

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS		
01/02/2009						
BID OPENING DATE: 01/15/2009		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ADDENDUM NO. 1</p> <p>1. TO MOVE BID DATE OPENING FROM 1/8/9 TO 1/15/9.</p> <p>2. TO CHANGE QUANTITIES:</p> <p>ITEM 3.2.1-A TOTAL OF FIVE (5) DIGITAL VIDEO RECORDERS (DVR) WILL BE REQUIRED.</p> <p>(THIS WAS CHANGED FROM EIGHT (8) DVR'S THAT WAS LISTED IN THE ORIGINAL SPECIFICATIONS.)</p> <p>ITEM 3.7.2-FIVE (5) 16 CHANNEL POWER SUPPLIES WILL BE REQUIRED.</p> <p>(THIS WAS CHANGED FROM EIGHT (8) 16 CHANNEL POWER SUPPLIES THAT WAS LISTED IN THE ORIGINAL SPECIFICATIONS.)</p> <p>3. QUESTIONS AND ANSWERS ATTACHED.</p> <p>4. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.</p> <p>EXHIBIT 1.0</p> <p>REQUISITION NO.: PSH90063</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1 ✓ <i>CEL</i> 1/12/09</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>C. E. Coo</i>		TELEPHONE (304) 984-0415		DATE 1/12/09		
TITLE Vice President		FEIN 263312652		ADDRESS CHANGES TO BE NOTED ABOVE		

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DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/02/2009				
BID OPENING DATE:	01/15/2009	BID OPENING TIME	01:30PM	

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
NO. 2						
NO. 3						
NO. 4						
NO. 5						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						
VENDOR MUST CLEARLY 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.						
				<i>Craig E. Carter</i>	SIGNATURE	
				Mountain State Building Automation, LLC	COMPANY	
				1/12/09	DATE	
REV. 11/96						
END OF ADDENDUM NO. 1						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE

TITLE

Vice President

FERN

263312652

TELEPHONE

(304) 984-0415

DATE

1/12/09

ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: 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 the debt owed is an amount greater than one thousand dollars in the aggregate

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require 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 in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid

LICENSING:


Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated

Vendor's Name: MOUNTAIN STATE BUILDING AUTOMATION, LLC

Authorized Signature:  Date: 1/12/09

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Mountain State Building Automation, LLC
of Sissonville, WV, as Principal, and The Cincinnati Insurance Company
of Fairfield, OH, a corporation organized and existing under the laws of the State of _____
OH with its principal office in the City of Fairfield, as Surety, are held and firmly bound unto the State
of West Virginia, as Obligee, in the penal sum of Five Percent of Amount Bid (\$ 5%) 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
Pinecrest Hospital CCTV System Digital Video Recorders - According to Plans & Specifications

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 Obligee may accept such bid, and said Surety does hereby
waive notice of any such extension

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations
have caused their corporate seals to be affixed hereunto and these presents to be signed by their proper officers this
15th day of January, 2009

Principal Corporate Seal

Mountain State Building Automation, LLC

(Name of Principal)

By: 

(Must be President or
Vice President)

Paul R. Burdette Managing Member
(Title)

Surety Corporate Seal

The Cincinnati Insurance Company
(Name of Surety)

By: 

Patricia A. Moyer, WV Resident Agent Attorney-in-Fact

THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint

Allan L. McVey; Larry D. Kerr; Gregory T. Gordon;
Patricia A. Moyer and/or Kimberly J. Wilkinson

of Charleston, West Virginia its true and lawful Attorney(s)-in-Fact to sign, execute, seal and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows:

Any such obligations in the United States, up to
Twenty Million and No/100 Dollars (\$20,000,000.00).

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

"RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973

"RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company"

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 1st day of April, 2007.

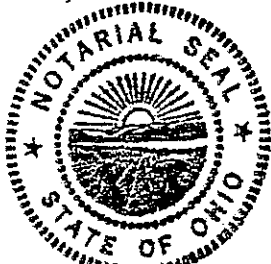


THE CINCINNATI INSURANCE COMPANY

Thomas H. Kelly
Vice President

STATE OF OHIO) ss:
COUNTY OF BUTLER)

On this 1st day of April, 2007, before me came the above-named Senior Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.



Mark J. Huller
MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration
date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio.
this 15th day of January 2009



Gregory J. Schlemmer
Secretary

PINECREST HOSPITAL CCTV SYSTEM RFQ

Beckley, WV

Mountain State Building Automation

Sissonville, WV

Equipment Specifications

- *DVR* – Speco DVRPC16P481TB
- *Interior Camera* – Speco CVC-6146HR
- *Exterior Camera* – Toshiba IK-6410A
- *Lenses* – GE KTL-2.5-10-VA and 7-70-VA
- *Exterior Housing* - MG CAMH-800K
- *Power Supply* – Altronix R2416UL
- *UPS* – TrippLite SMART1200LCD

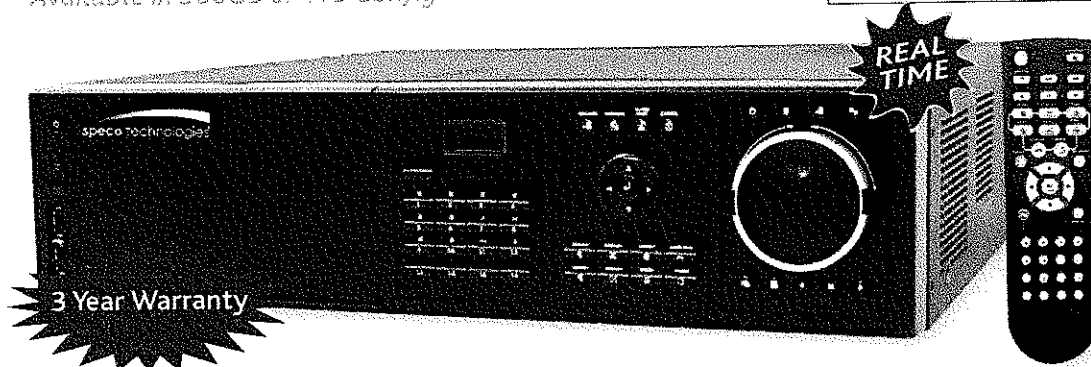
Buyer : R/W File 22
RFQ NO. : PSH90063
Bid Date : January 15th, 2009
Bid Time: 1:30 PM

speco technologies®

PC PRO 8 and 16 Channel PC Based Pentaplex Digital Video Recorder

Available in 500GB or 1TB Configurations

DVD/RW, Remote Control
& Rack Ears Included



DVRPC8P24 8 camera inputs

DVRPC16P48 16 camera inputs

Features

GENERAL

- True hybrid DVR provides IP camera support on most popular brands
- Selectable software compression (H 264, MPEG-4)
- Digital Deterrent™ ready
- Supports POS integration
- Windows Embedded XP operating system
- 500GB standard, models available up to 4TB
- DVD/RW standard
- 8 or 16 camera inputs and loopouts
- 8 or 16 audio inputs
- Two-way audio (standard)
- 1 Gbps Ethernet interface
- 720x480, 640x480, 352x240 image sizes
- 240 & 480 fps total recording frame rate, configurable to divide across 8 or 16 channels
- 240 & 480 fps total live view frame rate (real time)
- Advanced programmable motion detection with video analytics
- 4 sensor inputs
- 4 alarm outputs
- Pan/Tilt/Zoom control
- Password protection
- Still image save with image verification utility
- Still image print capability
- Fully integrated one-button backup to DVD-RW
- System failure handling with UPS support (auto rebooting with file recovery)
- Auto-sensing, auto protection power supply (100~127/200~240 VAC)
- Pentium E2160 (1.8GHz) dual core processor
- 1GB RAM
- 1280x1024 monitor resolution
- 32-bit color

• NTSC/PAL support

- Dimensions: 17" W (430mm) x 4.25" H (110mm) x 16.25" L (410mm) 2.5RU H
- Remote control and rack ears included

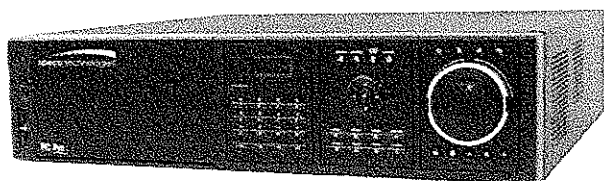
MONITORING (LIVE VIEW) & RECORDING

- E-Map feature allows local and remote camera, alarm input and output selection from actual multi-level maps
- 1, 4, 8, 9, 13, 16 multi-camera & full screen display modes: VGA, composite, DVI & S-Video outputs
- Standard analog TV output (programmable, sequential & multiplexed)
- Adjustable multi-screen switching (3 sec to 10 sec. intervals)
- Covert camera mode (recording without viewing)
- Image quality adjustment (adjustable for individual cameras)
- Record and alarm on motion detection
- Unlimited number of different motion detection zones
- Programmable motion detection sensitivity
- Fully programmable scheduled recording (1-hour increments; daily, weekly, monthly, date, or event)
- Sensor-based recording
- Motion alarm
- Camera input detection
- Camera image adjustment (brightness, contrast, chroma, hue)
- Daylight savings time adjustment (automatically synchronized)
- Estimated recording period (remaining disk space shown on GUI and built-in HDD calculator)

Specifications subject to change

For more information contact us at:

Speco Technologies 200 New Highway, Amityville, NY 11701 Web: www.specotech.com
Toll Free: 1-800-645-5516 In Metro NY: 631-957-8700 Fax: 631-957-9142 or 631-957-3880



8 and 16 Channel PC Based Pentaplex Digital Video Recorder

Features (cont'd)

SEARCH & PLAYBACK

- 1, 4, 8, 9, 13, 16 multi-camera display modes
- Synchronized multi-screen playback
- Full-function playback (play, rewind, fast-forward)
- Search filters for playback (date & time, camera, area, event, vision, POS/ATM, and log file)
- Image enhancement (brightness, contrast, gray, high pass, edge enhancement)
- Live playback with 15x image zoom/image enhancement
- Still image print capability
- External HDD supported (USB, Network, NAS)
- Live data backup to network drive (NAS)
- Offsite data archiving
- Still image save with image verification utility
- Multiple still image export
- MPEG, AVI or Proprietary .DVR backup formats
- Simultaneous local, remote and archive video viewing

REMOTE SURVEILLANCE

- Client software (Windows 2000, XP and Vista)
- CMS software (Windows 2000, XP and Vista)
- PDA software (Windows CE)
- Smartphone software (Symbian / Windows compatible)
- TCP/IP remote network
- Unlimited number of connections on web viewer, 1,000 DVRs can be connected on CMS
- Remote transmission (live view, playback, file copy, audio, & event log)
- Remote control (Pan/Tilt/Zoom, auxiliary devices, alarm, & mini center)
- Unlimited connection time
- User log with search filters for remote access

SENSORS & ALARMS

- 4 sensor inputs (dry contact N/C, N/O)
- 4 alarm outputs (relay contact 3A 120VAC or 3A 24VDC)
- RS-232 output
- Software selectable sensor input type
- Adjustable alarm hold time (1-3,600 sec)
- Full screen mode for sensed camera

- Motion detection, video loss, voice detection, sensor trigger, abnormal event, POS keyword and alarm message alarms
- Smart Alarm Functions include launching E-Map, full screen cameras, audible warning, email notification, phone call, FTP files, SMS/MMS messaging and PTZ camera
- LCD alarm indicator on front panel
- Sensor input indicator

EVENT LOG & SEARCH

Logs:

- Sensor event
- Recording start/stop
- Date & time change
- Password change
- Settings change
- System power on/off
- System power recovery
- HDD failure, reboot
- Remote access users
- Unlimited number of events stored
- Event search filter (date & time, event, operation, system, network, POS viewer)
- Sensor event playback
- Search filter for sensor event playback (date & time, camera)
- Full or multi-screen sensor event playback

SECURITY & MAINTENANCE

- Image file encryption
- Auto rebooting after power failure
- Auto recovery of system files
- Auto recovery of data files
- Hardware watchdog (initiates conditional reboot)
- Passwords
- System access
- Set-up access (administrator)
- Remote access

Available models: DVRPC8P24500
DVRPC8P241TB
DVRPC16P48500
➔ DVRPC16P481TB

Also available in 3TB & 4TB models. Call for details.

speco technologies®

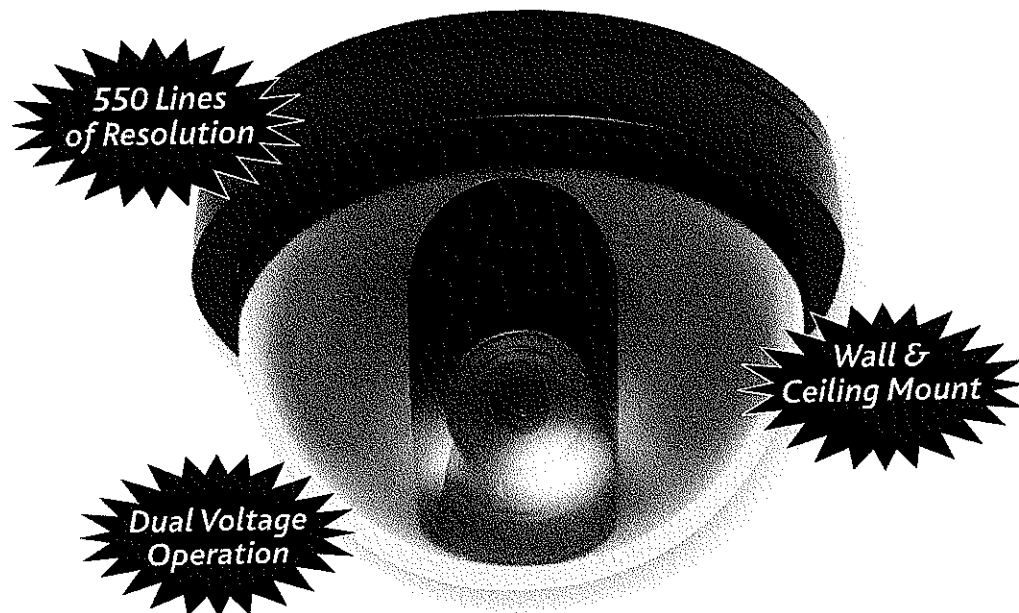
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Toll Free: 1-800-645-5516 In Metro NY: 631-957-8700 Fax: 631-957-9142 or 631-957-3880

speco technologies®

High Resolution Color Dome Camera
with 2.8-11mm Auto Iris Lens

CVC-6146HR



Specifications

Resolution	550 lines
Image Device	1/3" Sony Super-HAD* CCD
Min. Object Illumination	0.3 lux sensitivity
Electronic Shutter	1/60-1/100,000 seconds
DIP Switches	BLC, FLK, AGC AND AES/AI
Built In Lens	2.8-11mm F1.4 auto iris lens
Video S/N Ratio	Greater than 48dB
Gamma	0.45
Mechanical Construction	Polycarbonate housing with lined dome cover
Video Signal Output	Composite Video, 1 Vp-p into 75 ohms, test connection
Power Consumption	300mA (DC) / 4W (AC)
Power Supply	Dual voltage operation: 12V DC & 24V AC
Scanning System	525 lines interlaced
Synchronization	Internal / line locked in 24V AC mode
Operating Environment	14°F to 122°F
Dimensions	5.5" Dia. x 3.5" H
Weight	12 oz.
Accessories	Wall/ceiling mountable with 3-axis mount & template included

*Super-HAD is a trademark of
The Sony Corporation

Specifications subject to change

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Toll Free: 1-800-645-5516 In Metro NY: 631-957-8700 Fax: 631-957-9142 or 631-957-3880

TOSHIBA

IK-6410A DAY/NIGHT CCTV CAMERA



lens not included

DAY/NIGHT SURVEILLANCE

24-7 VIDEO IMAGING

The IK-6410A offers high resolution, sharp images of all activities occurring inside and outside your bank, store, office, restaurant and more.

- Day/night imaging for 24-7 surveillance
- 10-Bit Digital Signal Processing technology
- 1/3-inch interline transfer CCD
- Minimum illumination 0.2 lux @ F=1.0
- 50 dB S/N ratio for digital recording
- Versatile size – fits in most enclosures
- 480 TV lines horizontal resolution
- Backlight compensation
- Auto white balance (2500° K to 10000° K)
- 3 year limited warranty

IK-6410A

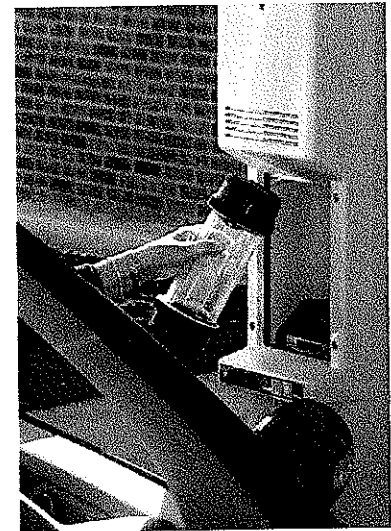
DAY/NIGHT CCTV CAMERA

Imaging sensor	1/3" interline transfer CCD
Picture elements	768 (H) x 494 (V)
Resolution	480 TVL Horizontal
Day/night function	Yes
Minimum subject illumination	0.2 lux @ F=1.0
White balance	Auto
White balance range	2500° K to 10000° K
Lens mount	CS mount (lens not included)
Backlight compensation	User settable (on/off)
Signal-to-Noise ratio	50 dB
Video output	VBS, 1 Vp-p, 75 ohm, BNC
Video format	NTSC, 2:1 interlace
Synchronization system	Internal or AC line lock
Line-lock V-phase adjustment	User adjustable
Gamma compensation	0.45
Shutter control	AES (1/60 to 1/100,000 sec.)
Automatic Gain Control (AGC)	Yes
Digital Signal Processing	10 bit
Operating temperature	14° F to 122° F (-10° C to 50° C)
Camera mounting method	1/4-inch x 20 threaded hole provided (top and bottom)
Power supply	AC 24 V (±10%) DC 12 V
Dimensions (inches)	2.46 (W) x 1.97 (H) x 4.57 (D)
Weight	12.3 oz (350 g)
Auto-Iris lens support	DC/video, 4 pin connector
Safety standard	UL 2044
Emission standard	FCC Class A
RoHS	Compliant
Accessories	Lens connector, manual, lens cap
Warranty	3 year limited

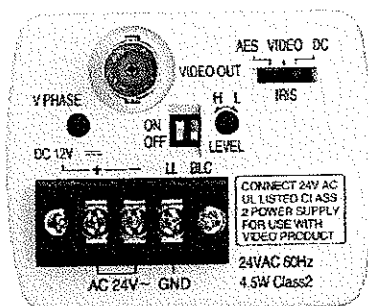
The IK-6410A economically meets the needs of round-the-clock video surveillance. With 10-bit Digital Signal Processing (DSP), the IK-6410A delivers clear, sharp video images without smear, regardless of lighting conditions. Count on it for reliable visual monitoring in applications where accurate color reproduction and high image quality are critical.

MAIN FEATURES

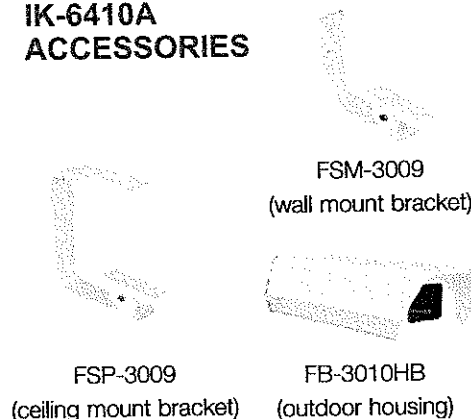
- Day/night imaging
- 10-Bit DSP technology
- 0.2 lux @ F=1.0
- 50 dB S/N ratio
- Compact dimensions
- 480 TVL horizontal resolution
- Backlight compensation
- Auto white balance (2500° K to 10000° K)
- 3 year limited warranty
- RoHS compliant



REAR VIEW



IK-6410A ACCESSORIES



APPLICATIONS

- Banks/ATMs
- Public buildings
- Public transportation
- Parking lots
- Outdoor parks
- Schools
- Casinos
- Retail outlets





GE Security

Product Data Sheet

www.GESecurity.com

CCTV Lenses

1/3-inch Format Varifocal

Overview

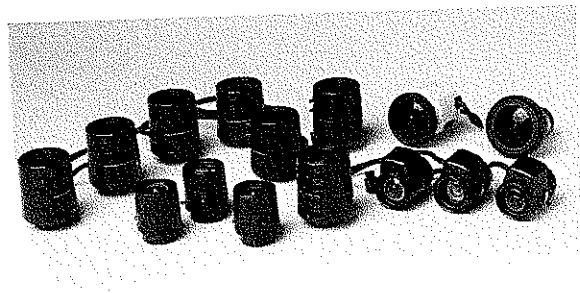
GE Security offers a complete line of 1/3-inch format lenses. Our lenses are compact in size, while offering large apertures for superb low-light performance. High-quality multicoated glass lens elements provide excellent contrast and color rendition. Aspheric lens surfaces on all models provide corner-to-corner image sharpness at all aperture settings. All lenses feature metal CS mounts.

Outstanding Features

Lenses are available with manual or DC autoiris. When using a manual iris lens, the iris is adjusted using a ring on the body of the lens. The electronics within the camera automatically compensate for any changes in luminosity.

If the camera is to be used in an outdoor situation, we recommend using an autoiris lens. An automatic iris adjusts to compensate for changes in light and incorporates a neutral density filter to provide additional protection in bright light conditions.

Included in the varifocal line is a 2.7 mm to 13 mm day/night lens—designed using special optical glass for extremely low chromatic aberration—providing sharp round-the-clock surveillance without the need for nighttime refocusing.



Standard Features

- 1/3-inch format varifocal lenses
- Manual or DC autoiris
- Compact
- Large aperture for excellent low-light performance
- Modern aspheric lens surfaces on all models for superior image quality
- High-quality glass lenses with modern multicoating for superb contrast and color rendition
- Metal CS mount

CCTV Lenses

1/3-inch Format Varifocal

Specifications

KTL-2.5-10VM/KTL-2.5-10VA

- Focal length: 2.5 to 10 mm
- Zoom ratio: 4x
- Max aperture: F1.4 to 2.7
- MOD: 0.3 m
- Weight: 77.8 g (VA: 75.9 g)
- Dimensions (mm): 48 x 60 (VA: 50.5 x 60)

KTL-2.7-10VM/KTL-2.7-10VA

- Focal length: 2.7 to 13.5 mm
- Zoom ratio: 4.8x
- Max aperture: F1.3
- MOD: 0.3 m
- Weight: 65.0 g (VA: 70.0 g)
- Dimensions (mm): 56.1 x 40.5 x 55.7 (VA: 56.1 x 40.5 x 55.2)

KTL-2.9-8VM/KTL-2.9-8VA

- Focal length: 2.9 to 8 mm
- Zoom ratio: 2.75x
- Max aperture: F0.95
- MOD: 0.3 m
- Weight: 35.0 g (VA: 50.0 g)
- Dimensions (mm): 36.7 x 33.5 x 51.3

KTL-3.5-8VM/KTL-3.5-8VA

- Focal length: 3.5 to 8 mm
- Zoom ratio: 2.28x
- Max aperture: F1.4 to 1.96
- MOD: 0.3 m
- Weight: 89.8 g (VA: 76.6 g)

Related Diagram

Not Applicable

- Dimensions (mm): 36 x 48.1 (VA: 47.1 x 48.1)

KTL-5.5-33VM/KTL-5.5-33VA

- Focal length: 5.5 to 33 mm
- Zoom ratio: 6x
- Max aperture: F1.6
- MOD: 0.3 m
- Weight: 148.5 g (VA: 144.5 g)
- Dimensions (mm): 42 x 54.5 (VA: 54.3 x 54.5)

KTL-5-50VM/KTL-5-50VA

- Focal length: 5.0 to 50 mm
- Zoom ratio: 10x
- Max aperture: F1.3
- MOD: 0.3 m
- Weight: 95.0 g (VA: 100.0 g)
- Dimensions (mm): 63.1 x 40.5 x 55.7 (VA: 63.2 x 40.5 x 55.2)

KTL-7-70VM/KTL-7-70VA

- Focal length: 7.0 to 70 mm
- Zoom ratio: 10x
- Max aperture: F1.8 to 2.17
- MOD: 0.3 m to 1.0 m
- Weight: 199.5 g (VA: 201.5 g)
- Dimensions (mm): 55 x 82.2

Additional Information

- Day/night: No (except KTL-2.7-13VM/KTL-2.7-13VA: Yes)
- Aspheric surface: Yes (applies to all models)

Ordering Information

KTL-		or	
Manual Iris / Focal Length		Auto Iris / Focal Length	
2.5-10VM	2.5 to 10 mm	2.5-10VA	2.5 to 10 mm
2.7-13VM	2.7 to 13 mm	2.7-13VA	2.7 to 13 mm
2.9-8VM	2.9 to 8 mm	2.9-8VA	2.9 to 8 mm
3.5-8VM	3.5 to 8 mm	3.5-8VA	3.5 to 8 mm
5-5.33VM	5 to 5.33 mm	5.5-33VA	5.5 to 33 mm
5-50VM	5 to 50 mm	5-50VA	5 to 50 mm
7-70VM	7 to 70 mm	7-70VA	7 to 70 mm



GE Security

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Asia
tel 852-2907-8108
fax 852-2142-5063

Australia
tel 61-3-9259-4700
fax 61-3-9259-4799

Europe
tel 32-2-725-11-20
fax 32-2-721-86-13

Latin America
tel 305-267-4301
fax 305-267-4300

www.GESecurity.com

As a company of innovation, GE Security reserves the right to change product specifications without notice. For the latest product specifications visit GE Security online at www.GESecurity.com or contact your GE Security sales representative.
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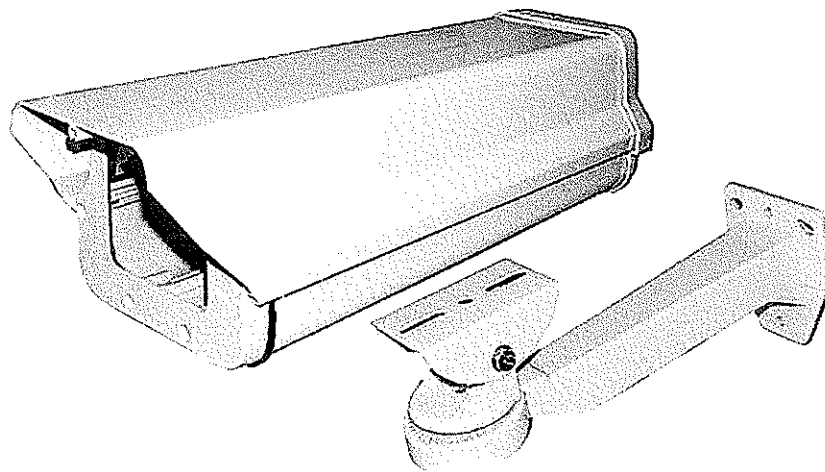
Product Details

**CAMH-800K 15" INDOOR/OUTDOOR ALUMINUM CAMERA HOUSING W/
HEATER & BLOWER & MOUNTING BRACKET KIT**[More images](#)

- 15" INDOOR/OUTDOOR ALUMINUM CAMERA HOUSING
- 24V AC HEATER & BLOWER
- GLASS WINDOW
- WEATHER SEALED
- PROVISION TO LOCK HOUSING
- 15"(L) X 5.6"(W) X 4.5"(H)

Features/Specifications:

- 10" INDOOR/OUTDOOR ALUMINUM MOUNTING BRACKET
- BRACKET HEAD ROTATES 360°, TILTS 90 °
- WALL OR CEILING MOUNT
- BEIGE COLOR
- 22 LBS WEIGHT CAPACITY

[Available models:](#)



R2416UL, R2416ULCB UL Listed Rack Mount CCTV Power Supply

Rev. DSR2416UL - A27F

Overview



- These Altronix AC Rack Mount CCTV Power Supplies provide 24VAC or 28VAC distributed via sixteen (16) fuse or Class 2 Rated PTC protected power limited outputs for powering CCTV Cameras, heaters and other video accessories.

R2416UL

- Sixteen (16) fuse protected outputs
- Outputs are rated @ 3.5 amp.

R2416ULCB

- Sixteen (16) Class 2 Rated PTC protected power limited outputs.
- Outputs are rated @ 2.5 amp.

Specifications

- 24VAC @ 7 amp (170VA) or 28VAC @ 6 amp (170VA) supply current.
- Input 115VAC, 50/60Hz, 3 amp.
- Surge suppression.
- Illuminated power disconnect circuit breaker with manual reset.
- Removable terminal blocks w/locking screw flanges.
- 3-wire grounded line cord.
- Individual power LEDs.
- Spare fuse(s) provided (fuse protected model only).
- Unit maintains camera synchronization.

- Ease of installation saves time and eliminates costly labor.
- 2U rack mount chassis for use in standard EIA 19" rack.
- Product weight:
 - R2416UL: 14.8 lbs.
 - R2416ULCB: 15.7 lbs.
- Shipping weight:
 - R2416UL: 15.8 lbs.
 - R2416ULCB: 16.7 lbs.

Agency Approvals



UL Listed for Commercial CCTV Equipment (UL 2044).



CUL Listed - CSA Standard C22.2 No.1-98, Audio, Video and Similar Equipment.



Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: SMART1200LCD

SmartPro Digital UPS - Line-interactive UPS for personal computers, workstations, home entertainment System and media centers



Highlights

- 1200VA / 1.2kVA line interactive tower UPS with LCD line voltage display
- Maintains 120V nominal output over an input range of 75 to 147V
- Workstation / Home theater optimized features include USB & serial ports plus single line TEL / DSL or ethernet line surge suppression
- Supports 2U rackmount or upright tower configurations
- Input: NEMA 5-15P (120V 15A) / Output: 8 NEMA 5-15R (120V)
- 2 year product warranty / \$250 000 Ultimate Lifetime Insurance (USA Puerto Rico & Canada only)

Description

Tripp Lite's SMART1200LCD Line-Interactive Digital UPS System offers voltage regulation surge suppression and long-lasting battery support for personal computers network workstations home entertainment systems and media centers. Internal UPS circuits support entry-level PCs or individual VCR/DVR components during power failures. Prevents data loss viewing interruptions lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts and overvoltages from 75V to 147V back to usable levels without using battery power. Offers complete power protection with support for upright tower flat shelfmount or 2U rackmount installation in an attractive all-black cabinet design. Includes 8 battery-supported outlets. Built-in USB and DB9 serial ports enables optional unattended system shutdown without data loss in case of extended power failure; cabling included. PowerAlert Software available via free download from www.tripplite.com. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in single-line RJ-45 jacks offer protection for equipment with single-line tel/DSL or network Ethernet connection. Built-in audible alarm and large LCD front panel voltage display indicates line power status battery power status battery low/replace status and voltage boost operation. 1200VA/700W power-handling capacity supports entry-level PCs home entertainment systems network workstations and audio/video components. Offers 4 min. battery runtime with a full load of 1200VA/700W and 12 min. with a half load of 600VA/350W. 2-year warranty; \$250 000 connected equipment insurance (USA & Canada only)

Applications

Entry-level PCs networked workstations point-of-sale equipment small business phone systems audio/video equipment and home theater systems. Ideal for sensitive electronic applications in areas where brownout conditions are common.

Package Includes

- SMART1200LCD Digital UPS
- USB DB9 and phone cabling
- Mounting hardware
- Manual with warranty information

Features

LCD display indicates input voltage battery capacity and a variety of operating conditions. Display is rotatable for easy viewing whether UPS is in vertical or horizontal position.

SMART1200LCD Digital Uninterruptible Power Supply offers voltage regulation surge suppression and long-lasting battery support during blackouts

Supports entry-level PCs or single VCR/DVR components during blackouts

Regulates brownouts and overvoltages from 75V to 147V back to usable levels without using battery power

8 UPS battery-supported outlets

Included DB9 serial and USB monitoring ports and cables enable unattended shutdown in case of extended power failure

HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and Mac OS X

PowerAlert Software available via free download from www.tripplite.com

Set of phone/network protection jacks protects a single dialup/DSL phone line or network Ethernet connection

1200VA/700W power handling ability supports a variety of sensitive computer home theater and other equipment

4 min. full load runtime (1200VA/700W); 12 min. half-load runtime (600VA/350W)

Cabinet adapts to tower or rackmount shelf format Rackmount installation brackets for 2U installation included

2-year product warranty

\$250,000 connected equipment insurance (USA & Canada Only)

Specifications

SYSTEM OVERVIEW

Voltage compatibility 120 VAC

Frequency compatibility 60

OUTPUT

Output VA 1200

Output watts 700

Output nominal voltage 120 VAC

Output voltage regulation BATTERY MODE: PWM sine wave 115V +/-5%

Output frequency regulation LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz

Outlet quantity / type 8 NEMA 5-15R

Overload protection 10A input circuit breaker

INPUT

Maximum input amps 7

Input connection type NEMA 5-15P

Input cord length 6 ft./1.8m

Recommended electrical service 120V 15A

BATTERY

Full load runtime 4 min. (700W)

Half load runtime 12 min. (350W)

Typical battery lifespan 4-6 years (depending on usage)

Battery recharge rate 2-8 hours to 90%

VOLTAGE REGULATION

Voltage regulation description Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output without using battery power during brownouts to 75V and overvoltages to 147V

Overvoltage correction Input voltages between 128VAC and 147VAC are reduced by 12%

Brownout correction Input voltages between 93VAC and 107VAC are boosted by 14%

Severe brownout correction	Input voltages between 75VAC and 92VAC are boosted by 30%
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LEDS ALARMS & SWITCHES

Front panel LEDs	Front panel LCD screen with blue backlight offers continuous input line voltage data, plus UPS status information on line power status battery power status battery charge level and voltage regulation operation
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Alarms	Audible alarm with 15-second delay sounds to indicate loss of utility power Alarm can be silenced by pressing front panel alarm cancel button. Once silenced alarm will re-sound when approximately 2 minutes runtime remain.
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Switches	Includes 2 front panel switches one main on/off power switch and one dual-function alarm cancel / self test button
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SURGE / NOISE SUPPRESSION

AC surge suppression	480 joules
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AC suppression response time	Instantaneous
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Dataline suppression	Tel/DSL or Ethernet
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EMI / RFI AC noise suppression	Yes
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PHYSICAL

Shipping weight (lbs)	27
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Shipping weight (kg)	12.3
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Shipping Dimensions (HWD/in)	7 x 21 x 14.5
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Shipping Dimensions (HWD/cm)	17.8 x 53.3 x 36.8
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Unit weight (lbs)	25
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Unit weight (kg)	11.4
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Unit Dimensions (HWD/in)	Tower format: 17.25 x 3.5 x 10.5 / Rackmount Shelf format: 3.5 x 17.25 x 10.5
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Unit Dimensions (HWD/cm)	Tower format: 43.8 x 8.9 x 26.7 / Rackmount Shelf format 8.9 x 43.8 x 26.7
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Material of construction	ABS
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Form factors supported	Rack/Tower
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Cooling method	Convection
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ENVIRONMENTAL

Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
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Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
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Relative Humidity	0 to 95% non-condensing
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Line mode BTU/hr. (Max.)	243.7 BTU/hr
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COMMUNICATIONS

Network monitoring port	DB9 and USB (HID)
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Software and cabling included	USB DB9 and phone cables included; PowerAlert software available for free download at www.tripplite.com
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WatchDog compatibility	Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment; ideal for unattended kiosk applications
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LINE / BATTERY TRANSFER

Transfer time from line power to battery mode	2-4 milliseconds
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Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 75V or less switches back to AC mode as line voltage increases to 79V or higher
High voltage transfer to battery power	Switches to battery mode as line voltage increases to 147V or higher switches back to AC mode as line voltage decreases to 143V or lower

CERTIFICATIONS

Certifications	Tested to UL1778 (USA), CSA C22 2 No. 107 3 (Canada) NOM (Mexico) Class B (Emissions) FCC part 68 and Industry Canada (Telecommunications)
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WARRANTY

Product warranty	2-year product warranty
Connected equipment insurance (USA and Canada Only)	\$250 000 connected equipment insurance (USA and Canada only)
Optional coverage	3 Year: WEXT3-500-1500 5 Year: WEXT5-500-1500

SPECIAL FEATURES

Cold Start	Yes inverter can be 'cold started' to enable temporary AC output during a power failure
Appearance	Attractive black color scheme

More information including related products owner's manuals and additional technical specifications can be found online at www.tripplite.com/products/model.cfm?txtModelID=3193.

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