



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
WSH10002

PAGE
1

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

VENDOR

*709040719 304-766-6277
 ELECTRONIC SPECIALTY COMPANY
 PO BOX 400
 1325 DUNBAR AVE
 DUNBAR WV 25064

SHIP TO

HEALTH AND HUMAN RESOURCES
 WILLIAM R. SHARPE JR. HOSPITAL
 CENTRAL RECEIVING
 936 SHARPE HOSPITAL ROAD
 WESTON, WV 26452
 304-269-1210

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/04/2009	Net 30	Our Truck	Jobsite	

BID OPENING DATE: 08/20/2009 BID OPENING TIME: 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 3 1. TO MOVE THE BID OPENING DATE FROM 8/18/2009 TO 8/20/2009. 2. 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. EXHIBIT 10 REQUISITION NO.: WSH10002 ADDENDUM ACKNOWLEDGEMENT I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC. ADDENDUM NO. S: NO. 1 .. 7/24/09 NO. 2 .. 7/28/09 NO. 3 .. 8/4/09 NO. 4 NO. 5 I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF TH						

RECEIVED
 2009 AUG 20 PM 12:44
 WV PURCHASING DIVISION

SIGNATURE			SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
TITLE Systems Integrator		FEIN 55-0452548	TELEPHONE 304-766-6277	DATE 8/20/09	
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, the State may deem this contract null and void, and terminate such contract 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 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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ROBERTA WAGNER 304-558-0067

VENDOR FOR

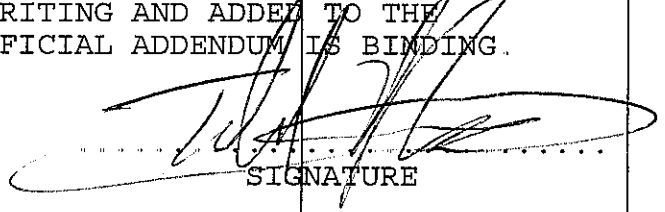
*709040719 304-766-6277
 ELECTRONIC SPECIALTY COMPANY
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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO 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> <div style="text-align: center;">  SIGNATURE Electronic Specialty Company COMPANY 8/20/09 DATE </div> <p>REV. 11/96</p> <p style="text-align: center;">END OF ADDENDUM NO. 3</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		990-22		
ACCESS CONTROL SECURITY SYSTEM						
***** THIS IS THE END OF RFQ WSH10002 ***** TOTAL:						76,665.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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07/01/2009	Net 30	Our Truck	Jobsite	

BID OPENING DATE: 08/04/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** MANDATORY PRE-BID MEETING IS SCHEDULED FOR JULY 15, 2009 AT 1:00 PM AT WILLIAM R. SHARPE, JR. HOSPITAL, 936 SHARPE HOSPITAL ROAD, WESTON, WV 26452 NO ONE PERSON MAY REPRESENT MORE THAN ONE VENDOR. *****						
0001	1	JB		990-22		
ACCESS CONTROL SECURITY SYSTEM						
WILLIAM R SHARPE JR HOSPITAL IS SEEKING BIDS FOR THE PURCHASE AND INSTALLATION OF AN ACCESS CONTROL SECURITY SYSTEM DESIGNED TO INCLUDE READER-IN/READER-OUT CAPABILITIES AT SEVENTEEN (17) EXTERIOR DOORS AT THE FACILITY. THE SYSTEM MUST MEET FIRE MARSHALL AND OTHER HOSPITAL REGULATIONS AND REQUIREMENTS. (SEE ATTACHED SPECIFICATIONS.) VENDOR IS IDENTIFY THE PRODUCT AND PROVIDE PRODUCT BROCHURES AS TO ABILITY TO MEET THE BID SPECIFICATIONS. A MANDATORY VENDOR PREBID CONFERENCE IS SCHEDULED FOR JULY 15, 2009 AT 1:00 PM IN THE BUSINESS OFFICE OF WILLIAM R SHARPE JR HOSPITAL, 936 SHARPE HOSPITAL ROAD, WESTON, WV 26452.						
INQUIRIES:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
	304-766-6277	8/20/09	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
Systems Integrator	55-0452548		

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<p>WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH CLOSE OF BUSINESS ON 7/16/2009. 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:</p> <p>ROBERTA WAGNER DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25311</p> <p>FAX: 304-558-4115 E-MAIL: ROBERTA.A.WAGNER@WV.GOV</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 120 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE 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 WAG</p>						

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<p>RATES AS ESTABLISHED FOR LEWIS COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</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>CONTRACTORS LICENSE</p> <p>BIDDER TO COMPLETE:</p> <p>CONTRACTORS NAME: Electronic Specialty Company</p> <p>CONTRACTORS LICENSE NO.: WV 010229</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</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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<p>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, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>REV. 5/2009</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>PLEASE NOTE: A CONVENIENCE COPY WOULD BE APPRECIATED.</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER:-----RW/FILE 22-----</p> <p>REQ. NO.:-----WSH10002-----</p>						

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304-558-0067

V E N D O R	*709040719	304-766-6277
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S H I P T O	HEALTH AND HUMAN RESOURCES	
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING DATE: -----				8/4/2009	-----	
BID OPENING TIME: -----				1:30 PM	-----	
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:				304-766-6270	-----	
PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE:				Todd Byrne	-----	
***** THIS IS THE END OF RFQ WSH10002 ***** TOTAL:						76,665.00

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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:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor must make said affirmation with its bid submission. Further, 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. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: Electronic Specialty Company

Authorized Signature:  Date: 8/20/09

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 Resident Vendor Preference, if applicable.

1. Application is made for 2.5% resident 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,

 X 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 date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; 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,

2. Application is made for 2.5% resident vendor preference for the reason checked:

 X 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% resident vendor preference for the reason checked:

_____ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

4. Application is made for 5% resident vendor preference for the reason checked:

 X 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% resident 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,

6. Application is made for 3.5% resident 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.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Electronic Specialty Company

Signed: [Signature]

Date: 8/20/09

Title: Systems Integrator

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

WV-96
Rev 10/07

AGREEMENT ADDENDUM

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

1. **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 clause 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 or any other party.
5. **PAYMENT** - Any references to prepayment are deleted. Payment will be in arrears.
6. **INTEREST** - Should the agreement include a provision for interest on late payments, the Agency agrees to pay the maximum legal rate under West Virginia law. All other references to interest or late charges are deleted.
7. **RECOUPMENT** - Any language in the agreement waiving the Agency's right to set-off, counterclaim, recoupment, or other defense 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.
9. **STATUTE OF LIMITATION** - Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted.
10. **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. **ATTORNEY FEES** - 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. **LIMITATION OF LIABILITY** - 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 direct damages to a certain dollar amount or to the amount of the agreement is hereby deleted. 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 reference 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 insure equipment or property of any kind and name the Vendor as beneficiary or as an additional insured is hereby deleted.
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.
20. **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. **AMENDMENTS** - All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parties. 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.

ACCEPTED BY:

STATE OF WEST VIRGINIA

Spending Unit: _____

Signed: _____

Title: _____

Date: _____

VENDOR

Company Name: Electronic Specialty Company

Signed: _____

Title: Systems Integrator

Date: 8/20/09



PO Box 400
 1325 Dunbar Ave
 Dunbar, WV 25064
 304-766-6277
 800-642-5500
 304-766-6270 fax

WV Dept. of Administration
 Purchasing Division
 2019 Washington Street East

August 20, 2009
 (Our 60th Year)

CONFIDENTIAL

Quote #: 09-0820-
 Reference: RFQ# WSH10002

Scope of Work

- Provide equipment and perform work per the provided specifications. The proposed system is capable of integrating with networked video recorders (NVR)
- AC Power and network connections to be provided by others
- Owner to provide access above the locking ceiling tiles.

<u>Qty.</u>	<u>Part #</u>	<u>Description</u>
		MDF (Kantech Software)
1	E-COR-EN-V4	EntraPass Corporate Edition v4, includes: 2 additional workstations license, one server/ workstation license, one gateway license, CBLK-10 cable kit, English manual
1	E-COR-WS1	EntraPass Corporate Edition, license for 1 additional workstations (v3 xx and higher)
1	E-COR-KTK-2	Kantech Tokens for EntraPass Corporate (2)
		IDF #1
1	KT-IP	IP Link module with self enclosure and accessories (ground wire, plastic stand off, cable/connector) Ethernet to RS-232, required 12VDC.
1	VC-485	Communication interface, multi-function, RS-232 to RS-485
1	EK-4RDR-12	4-Door Kit, 12-Door Enclosure Multi-Door Controller Kit includes: KT-CAB4000LDR 42" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KTBATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1) UL certified kit
2	EK-4RDR-ADD	Multi-Door Expansion Kit includes: KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4) UL certified kit.
1	ALTV168350	16VAC 22A 8 Fuse Supply
		IDF #2
1	KT-IP	IP Link module with self enclosure and accessories (ground wire, plastic stand off, cable/connector) Ethernet to RS-232, required 12VDC
1	VC-485	Communication interface, multi-function, RS-232 to RS-485
1	EK-4RDR-12	4-Door Kit, 12-Door Enclosure Multi-Door Controller Kit includes: KT-

		CAB4000LDR 42" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KTBATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1) UL certified kit
2	EK-4RDR-ADD	Multi-Door Expansion Kit includes: KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4) UL certified kit
1	ALTV168350	16VAC 22A 8 Fuse Supply
1	KT-IP	IDF #3 IP Link module with self enclosure and accessories (ground wire, plastic stand off, cable/connector) Ethernet to RS-232, required 12VDC
1	VC-485	Communication interface, multi-function, RS-232 to RS-485
1	EK-4RDR-12	4-Door Kit, 12-Door Enclosure Multi-Door Controller Kit includes: KT-CAB4000LDR 42" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KTBATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1) UL certified kit
1	EK-4RDR-ADD	Multi-Door Expansion Kit includes: KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4) UL certified kit
1	ALTV168350	16VAC 22A 8 Fuse Supply
		IDF #4
1	KT-IP	IP Link module with self enclosure and accessories (ground wire, plastic stand off, cable/connector) Ethernet to RS-232, required 12VDC
1	VC-485	Communication interface, multi-function, RS-232 to RS-485
2	EK-4RDR-12	4-Door Kit, 12-Door Enclosure Multi-Door Controller Kit includes: KT-CAB4000LDR 42" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KTBATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1) UL certified kit
1	EK-4RDR-ADD	Multi-Door Expansion Kit includes: KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4) UL certified kit
1	ALTV168350	16VAC 22A 8 Fuse Supply
21	M62	1200 lbs Mag Lock
21	CWB62cl	Mount
4	BPS24-4	24VDC 4 Output Lock Power Supply
23	KP1	Lock Shunt Switch
5	WP253274B	Plenum 15 cond/22AWG OSH
5	WP25224B	Plenum 18/2

3	ESCOM	Dell Windows XPPro Workstations
1	ESCOM	Dell MS Server 2003
8	Escom	12v9AH Back Up Battery
1 Lot	Escom	Installation Labor and Materials
1 Lot	Escom	Software Installation and Initial Programming (Data Entry Performed by Others)
1 Lot	Escom	On Site End User Training (Not to exceed 8 hours)

Total Project.....\$76,665.00

Terms

Equipment invoiced upon delivery, due net 30 days
 Service invoiced upon completion, due net 30 days
 Add all applicable sales and use tax

WARRANTY INFORMATION:

Company warrants all workmanship and all equipment for 1 year.

Thank you for your consideration on this project.
 Please review attached information for more detail

Approved by _____ Date _____ PO# _____

*Electronic Specialty Company, providing quality sales and service in West Virginia since 1947
 Electronic Specialty Company has a "Substance Detection" policy and a "Drug Free" workplace in effect
 Electronic Specialty is a member of Association for Industrial Security (ASIS).*

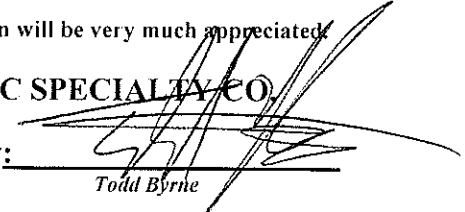
DELIVERY: Equipment 4 weeks A.R.O. or sooner

FOB: Project Site

TERMS: 30 days Each Invoice

Your Consideration will be very much appreciated

ELECTRONIC SPECIALTY CO.

Authorized by: 
 Todd Byrne

This quotation is offered for your acceptance within 30 days of date
WV Contractors License #WV 010229



Electronic Specialty Company – Executive Summary

Electronic Specialty Company is a West Virginia Corporation formed in 1947, based in Dunbar. It has since grown to be one of the largest electronic systems integrators in the Mid-Atlantic region.

Electronic Specialty currently has a staff of fifty five employees; including 28 factory trained and certified technicians. Electronic Specialty Company has a "Drug free Workplace" and "Substance Detection Policy" for all employees.

Electronic Specialty is dedicated to delivering the highest quality services. Our company covers a broad range of services including design, sales, service, installation, maintenance, and support.

MARKETS SERVED

- Commercial
- Government
- K-12
- Higher Education
- Healthcare
- Industrial
- Correctional
- Banking

OUR SERVICES

Consulting

- Design Build and Planning Assistance
- CAD Drawings
- Systems Integration

Quality Service

- Installations
- Repair
- System Inspections and Testing

Experience in West Virginia

- **Security Systems** – Access control, CCTV, mass notification and various integrated technologies; Numerous hospitals, our State Capitol Complex, hundreds of county schools, several campuses of higher learning.
- **Critical Communications** – Nurse call systems throughout large and small hospitals; intercom/paging systems throughout numerous school systems at all levels.
- **Professional Sound** – We have performed as a sound contractor with systems in major venues i.e., Charleston Civic Center, Coliseum of Morgantown, Mountaineer Field, Our State Legislative Bodies, WV Supreme Court, numerous Federal/County Courtrooms, and 100 plus houses of worship, etc.
- **Fire Alarm** – We have represented the Edwards Brand Fire Alarm since 1964, during which time we have provided hundreds of such systems throughout our marketing area. The Edwards namesake has been retired, evolving into EST and now owned and operated by GE Security life safety division.

In the last 10 years we have become a leading systems integrator being recognized with many national awards for performance and excellence. We pride ourselves in providing the most innovative and cost effective technologies to our clients.

We look forward to serving you.

Best Regards,

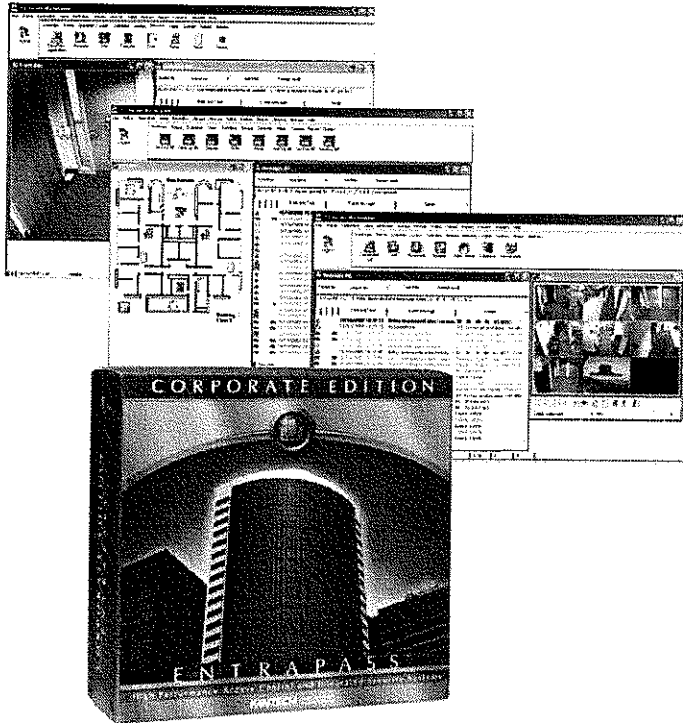
Todd Byrne
Integrated Systems Sales
Electronic Specialty Company



CCTV References

Customer	Contact	Systems
Mason County Schools	Greg Martin 304-675-2671	County Wide CCTV and Access Control, Fire Alarm and Intercom
Cabell County School	John Dillion 304-528-5192	County Wide Access Control and CCTV, Fire Alarm and Intercom
Ironton Metropolitan Housing Authority	Jim Johnson 740-532-8658	CCTV Access Control, Fire Alarm (Multiple Locations)
Charleston – Kanawha Housing Authority	Dale Whitehair 304-348-6451	CCTV and Access Control (Multiple Locations)
Charleston Area Medical Center	PJ Osborne 304-388-5432	CCTV, Access Control, Fire, Traffic Control, (Multiple Locations)

Other references are available upon request



EntraPass Corporate Edition High Performance Access Control and Integrated Security System

Features That Make a Difference:

- Supports up to 20 workstations and controls thousands of doors
- Integrates with American Dynamics® digital video management systems¹
- Supports Kantech™ IP Link which provides a secure IP solution to operate your access control system more efficiently and securely over a network
- EntraPass workspaces let you control what operators can see based on user privileges
- Update card records quickly and securely with the new EntraPass WebStation
- Display live video, play back recorded video, dispatch log and locally save recorded event video
- Eight operator-configurable desktops with unlimited interactive floor plans provide a highly customized experience for each workstation
- Interface with paging systems, HVAC systems and more with innovative SmartLink feature
- Integrated badging solution
- Elevator control for up to 64 floors
- Network-ready architecture lets you easily manage sites remotely
- Supports remote management from central monitoring stations (Managed Access Control)
- Redundancy server and Card Gateway (Oracle/MS SQL HR interface) ensure that critical data is secure even in the event of communication failure (optional)

Kantech EntraPass Corporate Edition is a powerful, multi-user access control system that provides features required even in the most demanding applications. The software adapts easily to meet the needs of growing businesses, allowing users to manage one building or access multiple remote sites from a network.

EntraPass Corporate Edition is extremely easy to install. Express Setup automatically defines all the necessary system components. This innovative feature reduces the time required to configure the system and eliminates programming errors.

EntraPass Corporate Edition distributed system architecture supports connections to remote sites using direct connections,

dial-up modems, and TCP/IP communication servers using Kantech IP Link (using Corporate Gateway). Kantech IP Link provides secure communication via 128-bit AES encryption. IP Link is also beneficial to the network infrastructure since communications are sent over the network only since required keeping network traffic down to a minimum.

EntraPass integrates with the American Dynamics Intellex® Digital Video Management System¹ and the American Dynamics EDVR Digital Video Recorder^{2,3}. This video integration dramatically increases security by allowing visual observations of monitored areas and allowing security personnel to link an access control event to a video clip directly from their access control application.

[1] Intellex IP and Ultra supported in 200F configurations

[2] Requires v3.1 or higher for Intellex Ultra, DVMS, IP, v2.6 or higher for Intellex LT, and EDVR v1.53

[3] EDVR supported in LAN configuration. A free workstation license to operate and configure multiple EDVRs from a separate PC is provided on the EntraPass CD.

features

Kantech IP Link Provides Secure and Affordable Access Control over the Network

EntraPass supports Kantech IP Link which provides a secure and affordable way to manage your access control system over a network. IP link manages polling of door controllers and communicates with EntraPass Corporate Edition only when an event has occurred. This significantly reduces the amount of bandwidth required for your customers to manage their access control system over a network. IP Link uses 128-bit AES encryption to communicate with the system which ensures secure communication when used over the Internet.

Simplify and Improve System Management

EntraPass workspaces provide customized views of the EntraPass system based on an operator's access privileges. Each workspace is created and defined in terms of devices – gateways, sites, doors, relays, etc. and is configured to identify what areas of the EntraPass system the operator can access and view, such as desktop display, card fields, etc. Workspaces enable you to create different views of the EntraPass system that can be saved and applied to any user.

This feature also lets an operator further create and refine his or her own views to filter additional components that are not necessary for his or her day-to-day operation. The operator can create, save, and reuse temporary workspaces. This feature is useful whenever a recurring operation is needed on the system such as creating reports.

Workspaces can also be applied to desktops to specify which events and messages can be displayed on a particular PC. An installer can use such a workspace in addition to an operator workspace to filter messages during a customer installation.

Manage Card Records Remotely

Easily manage card records over the web using the EntraPass WebStation. The optional web interface provides remote access to create, modify, and delete card records without installing and maintaining additional workstations.

SmartLink for Simple and Advanced System Integration

SmartLink is an application that enables any third party application or database to automatically interact with the EntraPass system. SmartLink uses built-in macros to help you design the most commonly requested integrated applications such as CCTV multiplexers, paging systems, automated emails, HVAC systems, etc. by using an RS-232 or network connection between the system and the third-party device.

For advanced system integration, SmartLink enables communication with software applications such as time and attendance, badging, human resource management, student registration, and more through Ethernet, an RS-232 port, API, or with DLLs. This allows complete and real-time data exchange between systems, eliminating duplicate data entry.

The Benefits of Video Integration⁴

Integration with an American Dynamics Intellex Digital Video Management System provides real-time video monitoring as well as video play back of critical access events. Video can be linked to access control events and recorded from different Intellex units simultaneously. Presets, sequences, dome control, and 1x1, 2x2, 3x3, and 4x4 views are available through the EntraPass software. All cameras can be called up directly from a floor plan simply by double-clicking on the camera or dome icon. Or, choose the American Dynamics EDVR Digital Video Recorder which provides your customers with an integrated video solution with a solid feature set at an economical price without compromising video quality.

EntraPass Video Vault

Installed on your network, the optional EntraPass Video Vault offers an alternative to manually saving each video clip one by one. Simply pre-define groups for your video clips (such as door forced or rejected card) and EntraPass Video Vault saves them to the appropriate group based on whatever schedules you choose. You can also pre-designate which file type you want video clips saved as – KVI, KVA, IMG, or AVI – and whether these files, if KVI or KVA, are assigned password protection. You can also organize your video clips using thumbnail BMP images in lieu of icons.

⁽⁴⁾ Video integration supported on Windows® 2000, XP, 2003, Standard or Enterprise server.

take a closer look

Redundancy Server

EntraPass Corporate Edition offers an optional redundancy server with a mirror database to monitor all data activity on your primary EntraPass server and creates a real-time copy of the system database. In the event of primary server failure, the mirror database automatically launches the redundancy server which supports all the features and functionality of the primary server. Once the primary server returns online, all archives are merged and/or the entire database is copied from the redundancy server.

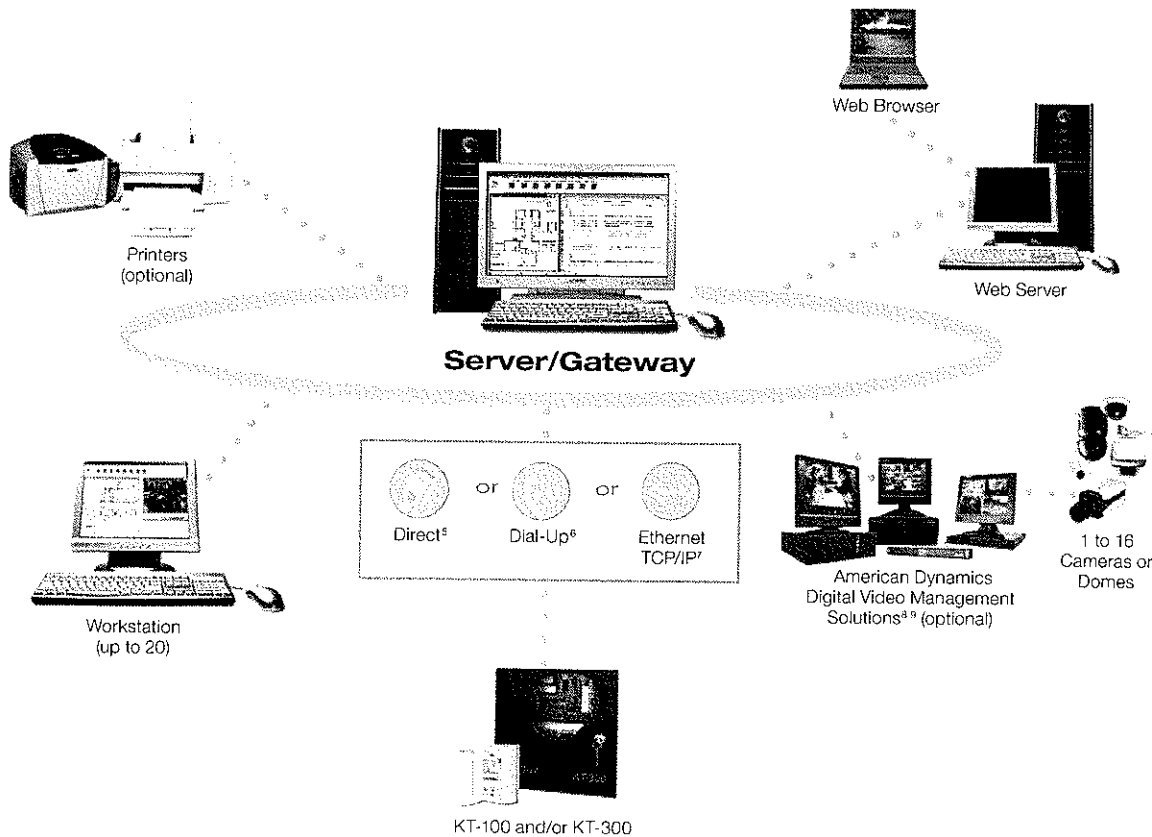
Managed Access Control

With the addition of account management, EntraPass WebStation, and Kantech IP Link support, EntraPass now provides a high-performing Managed Access Control solution ideal for central monitoring stations seeking a cost-effective option to offer to their commercial customers.

EntraPass supports the range of advanced solutions that central monitoring stations offer including access control, video surveillance, intrusion detection, and security management (guard tours, remote video management, video/alarm verification). With these advanced features, the Kantech EntraPass solution readily provides tremendous performance and value to monitoring stations and their customers.

Basic System Diagram

EntraPass Corporate Edition is a comprehensive, multiple workstation solution for access control installations from one to thousands of doors. This proven platform supports up to 544 sites per gateway (32 local and 512 remote) and provides the ultimate balance between power and affordability in a network environment. EntraPass Corporate Edition is compatible with Kantech's complete line of door controllers which can be configured with up to 32 controllers per loop and 17,408 controllers per gateway.



(5) Direct: KT-300, via RS-232 or RS-485 with USB-485 or VG-485 converter; KT-100 via RS-485 with USB-485 or VC-485 converter

(6) Dial-up: KT-300 only, using RS-232 serial modem at remote site (KT-100 needs to be connected to a KT-300)

(7) Ethernet TCP/IP: using Kantech IP-Link (KT-100 also requires VC-485 converter)

(8) Requires v3.1 or higher for Intellex Ultra, DIVMS, IP v2.6 or higher for Intellex LT, and EDVR v1.53

(9) Video integration supported on Windows 2000, XP, 2003, Standard or Enterprise server

EntraPass Corporate Edition System Capacities

Cards	Unlimited
Card Families or Site Codes	Unlimited
Door Controllers	17 408 per gateway
Card Readers	34 816 per gateway
Keypads	34,816 per gateway
Monitored Points (Inputs)	278 528 (KT-300)
Auxiliary Outputs for Reader	
LEDs and Door Alarms	69 632 (KT-300)
Elevator Floors per Cab	64
Card User Access Levels	250 per site
Access Level Combinations	Unlimited
Schedules of Four Time Zones Each	100/site
Holidays	366 per system
Operator Workstations	20
Gateways	41
System Operator Passwords	Unlimited
Operator Security Levels	Unlimited pre-defined (3)
Concurrent Operator Languages	Two
Number of Printers	One per workstation
Serial Port / USB	Max 32 per gateway
Remote Sites	Max 512 per gateway

Recommended Computer Requirements for EntraPass Server⁽¹⁰⁾

Processor	Pentium® IV 1.8 GHz
RAM	1 GB
Free Hard Disk Space	
Required for Software	20 GB
Screen Resolution	1024 x 768
Graphic Adaptor Card	32 MB
Color Depth	24-bit (16 million colors) required for video integration only
DVD/CD-ROM Drive	48x
Network Interface Card	10/100Base-T
Operating System Compatibility	Windows 2000 XP 2003 Standard or Enterprise server Windows Vista® ⁽¹¹⁾

Model Number Package Includes:

License for EntraPass Corporate Edition software which enables one server workstation and two additional workstations plus a Corporate Gateway and CBLK-10 cable kit

E-COR-EN-V4	EntraPass Corporate Edition v4.0 software - English
E-COR-SP-V4	EntraPass Corporate Edition v4.0 software - Spanish
E-COR-FR-V4	EntraPass Corporate Edition v4.0 software - French

Manuals Only:

E-COR-MAN-EN	EntraPass Corporate Edition v4.0 English manual
E-COR-MAN-SP	EntraPass Corporate Edition v4.0 Spanish manual
E-COR-MAN-FR	EntraPass Corporate Edition v4.0 French manual

E-COR-UPG-EN-V4	Upgrade for EntraPass Corporate Edition v3.x to v4.0 with English manual
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E-COR-UPG-FR-V4	Upgrade for EntraPass Corporate Edition v3.x to v4.0 with French manual
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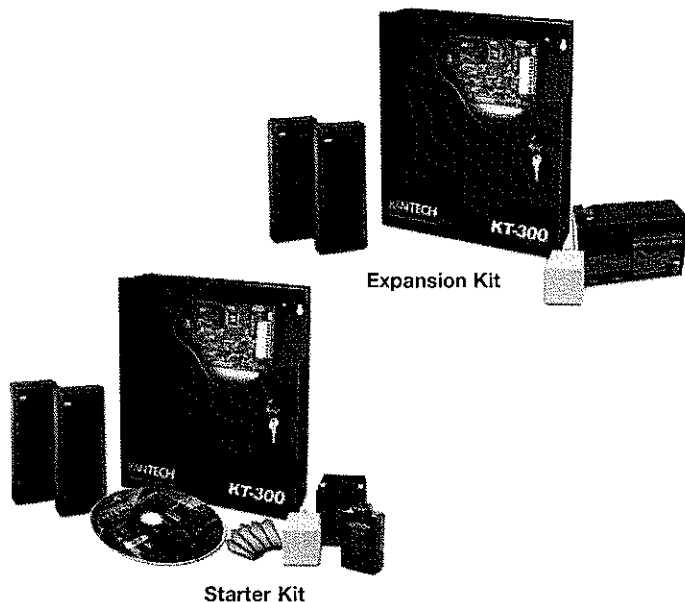
Accessories:

E-COR-WEB-1	One concurrent EntraPass Webstation connection license for EntraPass Corporate Edition v4.0
E-COR-WEB-3	Three concurrent EntraPass WebStation connection licenses for EntraPass Corporate Edition v4.0
E-COR-WS6	Six additional workstation licenses for EntraPass Corporate Edition v3.0 and higher
E-COR-COM	40 additional Corporate Gateway licenses for EntraPass Corporate Edition v3.0 and higher
E-COR-VVM	Video Vault license for EntraPass Corporate Edition v3.0 and higher
E-COR-RDN	Redundancy server license for EntraPass Corporate Edition v3.0 and higher
E-COR-SQL	Card Gateway license for EntraPass Corporate Edition v3.0 and higher
E-COR-MAC	Account Management (Managed Access Control) license for EntraPass Corporate Edition
E-COR-KTK-1	One Kantech token for EntraPass Corporate Edition
E-COR-KTK-2	Two Kantech tokens for EntraPass Corporate Edition
E-COR-KTK-3	Three Kantech tokens for EntraPass Corporate Edition
E-COR-KTK-5	Five Kantech tokens for EntraPass Corporate Edition
E-COR-KTK-10	10 Kantech tokens for EntraPass Corporate Edition

(10) Actual requirements may vary based on your operating system and configuration.
 (11) Video functionalities are not supported with Windows Vista.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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Starter Kit

Expansion Kit

Access Control Starter and Expansion Kits

Features That Make a Difference:

- Everything you need to install or expand a complete access control system
- A comprehensive solution for growing businesses
- Easy to install and easy to use
- Expand your access control system in 2-door increments using the Access Control Expansion Kit
- Compatible with EntraPass Special Edition Corporate Edition and Global Edition

Kantech™ Access Control Starter and Expansion Kits offer a comprehensive solution for growing businesses that are seeking an easy-to-use and highly reliable access control system.

The all-inclusive Starter Kit provides everything needed to create a complete access control system. From the powerful EntraPass software and KT-300 door controller to all of the peripherals in between, the Starter Kit makes sure nothing is left to chance.

Similarly, the Expansion Kit includes everything required to expand an existing system. In 2-door increments, the Expansion Kit keeps up with even the fastest growing business.

EntraPass Special Edition Software

Included in the Starter Kit, EntraPass Special Edition software is an expandable single workstation solution that is easy to use. System features include:

- Up to 128 readers
- Unlimited card capacity
- Express setup
- Interactive floor plans
- Vocabulary editor
- Concurrent operator languages
- Emailing reports capability
- Remote site management
- Configurable desktops
- Alarm system integration
- Integrated badging
- Automated system backup

KT-300 Door Controller

The KT-300 is a powerful and scalable door controller that manages 2 doors or can be easily linked to a network controlling thousands of doors. Additionally, KT-300 supports expansion modules to add inputs, outputs, and an LCD time display for time and attendance functions.

ioProx Readers

The Kits include two P225XSF ioProx readers that are attractive, compact, and vandal resistant. Each reader is also encapsulated in epoxy potting which protects them from the elements. The innovative 'snap-and-lock' terminal blocks allow for easy wiring, saving time and money. The eXtended Secure Format (XSF) increases security and protects against card duplication. Each reader is outfitted with an integrated piezo buzzer and bicolor LED and has a read range of up to 16.5 cm (6.5 in).

ioProx Keytags

The Starter Kit contains five P40KEY keytags that are small enough to fit on a key chain and are resistant to cracking and breaking.

USB-485 Converter

The USB-485 protocol converter converts USB to RS-485 and extends communication up to 1,200 m (4,000 ft). The converter uses an unshielded and twisted communication cable and is powered by a USB port.

EntraPass Special Edition

Cards	Unlimited
Number of Cards Per Controller in Standalone Mode	8,000
Card Families or Site Code	Unlimited
Number of Sites	Up to 64 (max 64 controllers)
Door Controllers Per Site	32
Monitored Points (Input)	512 per site
Card User Access Levels	250 per site

KT-300 Door Controller

Input Power	16 VAC, 40 VA class 2 transformer
Battery Backup	1 battery 12 V, 7 AH, supervised provides operation for up to 12 hours
Dimensions (H x W x D)	29.9 x 28.8 x 7.7 cm (11.75 x 11.375 x 3 in)
Operating Temperatures	From 2°C to 40°C (35°F to 110°F)
Reader Types	Wiegand, proximity, bar code, magnetic integrated keypad, and others
Monitored Points (Inputs)	8 monitored points, NO/NC, with or without end-of-line resistors (expandable to 16)
Door Strike Power	12 VDC 250 mA each, supervised
Auxiliary Power Output	12 VDC @ 125 mA max protected and supervised

P225XSF ioProx Readers

Typical Read Range	Up to 16.5 cm (6.5 in)
Input Voltage	4.5 to 14 VDC
Current DC Maximum	45 mA
Dimensions (H x W x D)	114.3 x 44.5 x 21.3 mm (4.5 x 1.75 x 0.84 in)
Weight	90.7 g (3.2 oz)
Color	Black
Transmit Frequency	125 KHz
Operating Temperature	-35°C to 65°C (-30°F to 150°F)
Format	XSF

Ordering Information

SK-SE302¹

Starter Kit Includes: EntraPass Special Edition software CD-ROM, KT-300/128K controller (1), ioProx P225XSF readers (2) USB-485 converter (1) TR1640P/UL transformer (1), 12 volt 7 amp battery (1) KT-RM1 relay (2) and ioProx P40KEY keytags (5) (US only)

EK-302¹

2-Door Expansion Kit Includes: KT-300/128K controller (1), ioProx P225XSF readers (2) TR1640P/UL transformer (1) 12 volt 7 amp battery (1) and KT-RM1 relay (2) (US only)

(1) For Canadian customers please add suffix "CDN" to part number to receive the CSA-compliant transformer (SK-SE302CDN or EK-302CDN)

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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Bridget Gillispie

From: Gaye Cobb
Sent: Thursday, August 20, 2009 8:46 AM
To: Bridget Gillispie
Subject: RE: B&O Taxes for Pendleton Manor

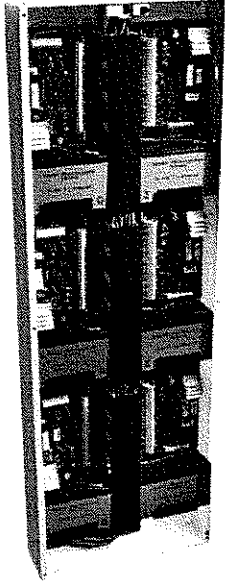
Dunbar Wholesale.

From: Bridget Gillispie
Sent: Thursday, August 20, 2009 8:18 AM
To: Gaye Cobb
Subject: B&O Taxes for Pendleton Manor

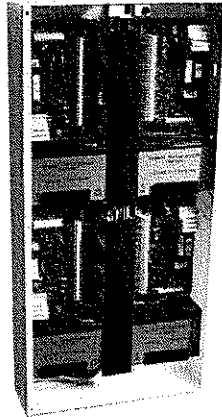
This is for Pendleton Manor. This will be a new addition to a Nursing Home for Equipment & Check Out Pendleton County inside City Limits of Franklin

Bridget Gillispie
Health Care Sales & Training

Electronic Specialty Company
1325 Dunbar Avenue
P O Box 400
Dunbar, WV 25064
(304) 766-6277
(304) 766-6270 fax
(304) 395-3260 cell



42-inch Multi-Door Controller Kit shipped with 2 KT-300 controllers. Image shown fully configured



28-inch Multi-Door Controller Kit shipped with 2 KT-300 controllers. Image shown fully configured

Multi-Door Controller Kits

Features That Make a Difference:

- Controls up to 8 or 12 doors from one enclosure (depending on model size enclosure)
- Cost-effectively consolidate multiple KT-300 controllers in a single enclosure to provide a streamlined installation
- Supports all Kantech software including EntraPass Special Edition, EntraPass Corporate Edition and EntraPass Global Edition¹
- Order one model number to ensure you receive all hardware components at the same time
- Expand your system in 4-door increments using the Multi-Door Expansion Kit

Kantech Multi-Door Controller Kits provide all the necessary hardware components in one box – from powerful KT-300 controllers to readers and keytags, to complete or extend your access control system.

The Multi-Door Controller Kits are available in two enclosure size models: a 28-inch enclosure that can accommodate up to four KT-300 controllers and a 42-inch enclosure that can accommodate up to six KT-300 controllers. Each model includes an initial starter kit to control four doors: two KT-300 controllers, readers and keytags. You can easily add controllers to each enclosure to reach its respective configuration (8-door or 12-door).

The Multi-Door Controller Kits are ideal for large applications where space, time and budget are important considerations.

Rather than having to install separate enclosures for each KT-300, the Multi-Door Controller Kits enable you to mount multiple KT-300 controllers inside a single enclosure. This is a valuable benefit for sites with limited wall space. Also, by grouping multiple controllers in one enclosure, installers can work more quickly and efficiently, saving installation time and expense.

For added convenience, the Kantech Multi-Door Expansion Kit lets you expand your access control system in 4-door increments. The Multi-Door Expansion Kit leaves nothing to chance and provides the basic peripherals to expand your system such as additional KT-300 controllers, transformers, rechargeable batteries and more – all with the convenience of one model number.

¹) EntraPass Global Edition requires v2.17 or higher with Windows® Global Gateway and KT-NCC.

Panel Enclosures

28-Inch Enclosure

KT-CAB3000LDR with door cover 28-inch enclosure for two or four controllers
 Dimensions (H x W x D) 72.4 x 36.2 x 10.2 cm
 (28.5 x 14.25 x 4 in)
 Knock-out Dimensions 22.2 cm 4.44 cm 6.35 cm
 (0.875 in, 1.750 in 2.5 in)
 Weight 12.2 kg (26.8 lbs)
 Color White

42-Inch Enclosure

KT-CAB4000LDR with door cover 42-inch enclosure for up to six controllers
 Dimensions (H x W x D) 106.7 x 36.2 x 10.2 cm
 (42 x 14.25 x 4 in)
 Knock-out Dimensions 22.2 cm 4.44 cm and 6.35 cm
 (0.875 in, 1.750 in 2.5 in)
 Weight 16.8 kg (37 lbs)
 Color White

KT-300 Door Controller (PCB Only)

The KT-300 is a powerful and scalable door controller that controls two doors. Additionally, the KT-300 supports expansion modules for additional inputs and outputs.

Input Power 16 VAC 40 VA Class 2 transformer
 Battery Backup 1 battery 12 V 7 AH, supervised provides operation for up to 12 hours
 Operating Temperatures 2° to 40° C (35° to 110° F)
 Reader Types Wiegand proximity bar code magnetic integrated keypad and others
 Monitored Points (inputs) 8 monitored points NO/NC with or without end-of-line resistors (expandable to 16)
 Door Strike Power 12 VDC 250mA each supervised
 Auxiliary Power Output 12 VDC @ 125mA max protected and supervised

ioProx Readers

Four P225XSF ioProx readers are included in both the Multi-Door Controller and Expansion Kits. The ioProx readers are attractive, compact, vandal and weather-resistant, and encapsulated in epoxy potting. The innovative snap-and-lock terminal blocks allow for easy wiring, saving time and money. The XSF (eXtended Secure Format) provides increased security and guarantees against card duplication. Each reader is outfitted with an integrated piezo buzzer and a bicolor LED.

Typical Read Range Up to 16.5 cm (6.5 in)
 Input Voltage 4.5 to 14 VDC
 Current DC Maximum 45mA
 Dimensions (H x W x D) 114.3 x 44.5 x 21.3 mm
 (4.5 x 1.75 x 0.84 in)
 Weight 90 g (3.2 oz)
 Color Black
 Transmit Frequency 125 KHz
 Operating Temperature -35° to 65° C (-30° to 150° F)
 Format XSF

ioProx Keytags

Each Multi-Door Controller Kit contains (25) P40KEY keytags that are small enough to fit on a key chain and are resistant to cracking and breaking.

Transformers

KT-300 Transformer Plug-in
 Voltage 110 VAC/16 VAC (40 VA)
 Certification TR1640P/UL UL approved
 TR1640P/CSA CSA approved

Ordering Information

EK-4RDR-8*

4-Door Kit, 28-inch Enclosure Multi-Door Controller Kit includes:
 KT-CAB3000LDR 28-inch enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1), UL certified kit

EK-4RDR-12*

4-Door Kit, 42-inch Enclosure Multi-Door Controller Kit includes:
 KT-CAB4000LDR 42-inch enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), ioProx P40KEY keytags (25), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1), UL certified kit

EK-4RDR-ADD*

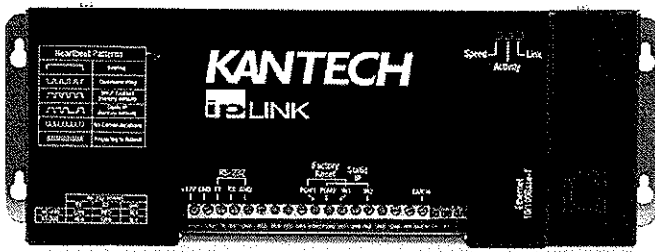
Multi-Door Expansion Kit includes:
 KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300PCB128 controller - PCBs only (2), KT-300-ACC accessory kits (2), ioProx P225XSF readers (4), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4)

For Canadian customers, add suffix 'CDN' to model number to receive the CSA-compliant transformer (EK-4RDR-8CDN, EK-4RDR-12CDN or EK-4RDR-ADDCDN)

Accessories

KT-CAB3000LDR 28-inch enclosure with door cover for up to four KT-300 PCB controllers
 KT-CAB4000LDR 42-inch enclosure with door cover for up to six KT-300 PCB controllers
 KT-MP300 Mounting plates (15.24 x 20.32 cm/6 x 8 in) for KT-300PCB and KT-PC4204 module. Compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR (Package of 2)
 KT-MP200 Mounting plates (15.24 x 10.16 cm/6 x 4 in) for KT-PC4108 and KT-PC4216 modules. Compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR (Package of 4)
 KT-BB101 Battery bracket (left side), compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR
 KT-BB100 Battery bracket (right side), compatible with enclosure KT-CAB3000LDR and KT-CAB4000LDR

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Kantech™ IP Link

Features That Make a Difference:

- Powerful solution for connecting KT-100, KT-200 and KT-300 door controllers to existing network infrastructure
- Secure communication via 128-bit AES encryption
- Configured using either a static or dynamic IP address
- Up to 512 IP Links can be supported per EntraPass Gateway, a cost-effective solution to managing multiple remote sites
- Communicates over the network only as required, keeping network traffic down to a minimum
- Plug and play setup makes it quick and easy to use with EntraPass access control software
- Supports up to 32 door controllers per device
- Compatible with EntraPass Special, Corporate and Global Editions (Global Edition with Corporate Gateway only)

The Kantech™ IP Link makes it easy and affordable to manage your Kantech access control system over a network.

Unlike similar devices, the IP Link manages polling of door controllers and communicates with the EntraPass Gateway only when an event has occurred. Communication integrity is ensured through a heartbeat signal, which is sent at a regular interval to the EntraPass software. This asynchronous communication significantly reduces the amount of bandwidth required to manage your access control system over the network.

The IP Link is easy to set up. Use an EntraPass workstation, a web browser or the KT-Finder, an intuitive standalone application designed to locate and configure the IP Link.

In most installations, EntraPass software automatically detects and configures the IP Link using the MAC address.

The IP Link uses 128-bit AES encryption to communicate with EntraPass, which ensures secure communication when used over the Internet.

The IP Link leverages Kantech's robust portfolio of KT-controllers to offer a powerful security solution for any size application. The EntraPass access control system can control access for one door to thousands of doors and, with the IP Link, can effortlessly communicate over an existing network.

Physical

Weight	
KT-IP	0.6 kg (1.3 lbs)
KT-IP-PCB	0.18 kg (0.4 lbs)
KT-IP-CAB	1.81 kg (4.0 lbs)
Dimensions	
KT-IP	26.7 x 9.5 x 3.12 cm (10.5 x 3.72 x 1.23 in)
KT-IP-PCB	22 x 8.30 x 2.5 cm (8.66 x 3.25 x 1.0 in)
KT-IP-CAB	28.4 x 29.7 x 7.8 cm (11.2 x 11.7 x 3.1 in)
Communication Ports	RJ-45 Ethernet 10/100Base-T and RS-232
Communication Speed	Up to 115200 baud for serial communication
Flash ROM	2 MB
RAM	8 MB
Compatibility	KT-100, KT-200 and KT-300 door controllers
Maximum Unit	Up to 512 IP Links per Corporate Gateway Up to 64 IP Links per Special Edition

Environmental

Operating Temperature	0°C to 49°C (32°F to 122°F)
Humidity	0 to 85% non-condensing, indoor use only

Electrical

DC Power Input	12 VDC
Input Current	Max: 175 mA Typical: 125 mA

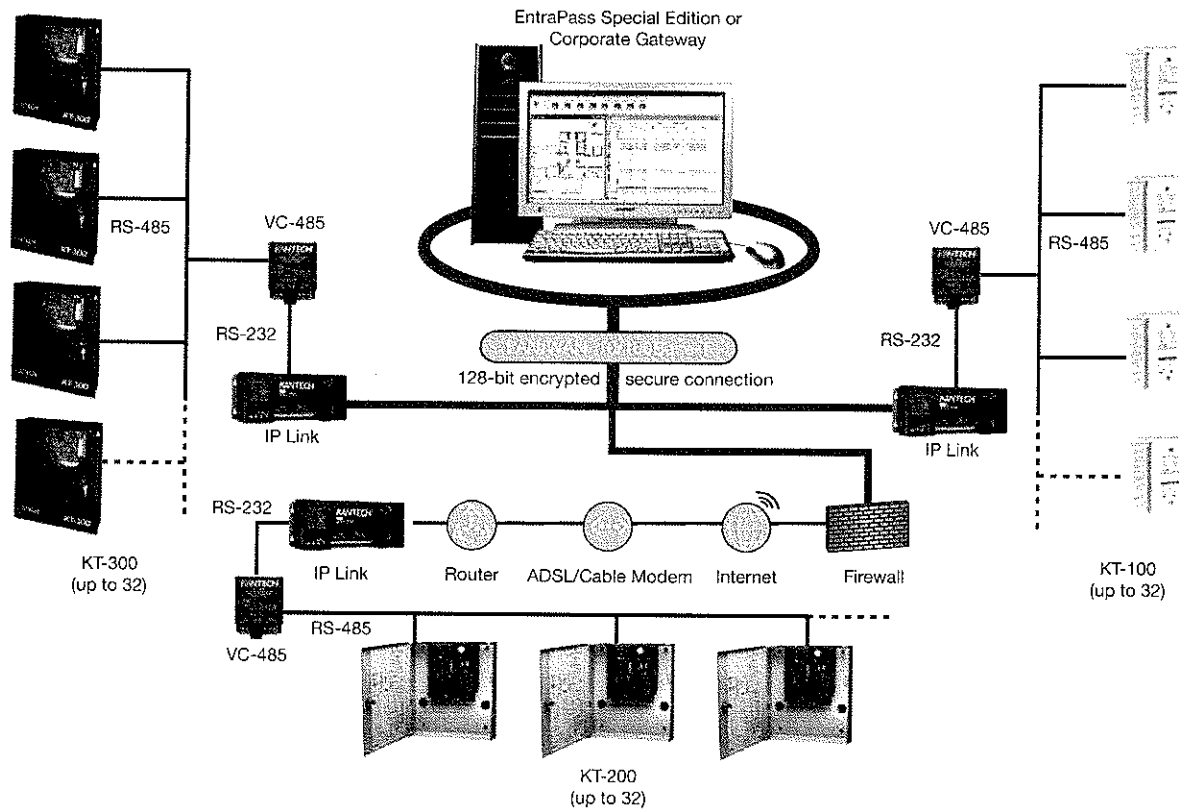
Regulatory

Compliance	FCC Part 15 Class A EN55022 (CISPR22) EN55024 CE C-Tick UL294 RoHS WEEE
Certifications	
Environmental	

Model Numbers

KT-IP	IP Link module with wall mount metal enclosure and accessories (ground wire, plastic stand off, cable/connector)
KT-IP-PCB	IP Link module PCB only with accessories (ground wire, plastic stand off, cable/connector)
KT-IP-CAB	Metal cabinet for KT-IP-PCB

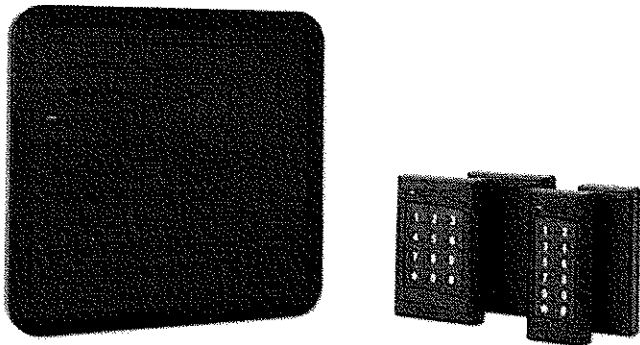
Network Architecture



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ioProx Proximity Readers

Features That Make a Difference:

- Choose from Kantech™ eXtended Secure Format (XSF) or 26-bit Wiegand format
- Digital Signal Processing (DSP) for enhanced security
- Weatherproof design for indoor and outdoor applications
- Integrated piezo buzzer & bicolor LED
- Integrated tamper switch on P600 (optional on other models)
- The use of quick connect terminal blocks (P225 and P325 series) allows for easy wiring and saves you time and money
- Use the keypad's * and # buttons in conjunction with the EntraPass software to arm and disarm external alarm panels
- Up to 73 cm (29 in) read range (P600)

Choose from five ioProx readers that easily meet the demands of any application. The readers are attractive, compact, weatherized, and vandal-resistant, making them suitable for installation in a variety of environments.

Easy Installation

Snap-and-lock terminal blocks (P225 and P325 series) allow for easy wiring, saving time and money.

Voltage Requirements

Depending on the model selected, power requirements range from 4.5 to 14 VDC (P225 and P325 series) or 12 to 28 VDC (P600), providing compatibility with virtually any controller on the market. This allows a system to be upgraded simply by changing readers and cards without rewiring.

Integrated 12-Button Keypad

Integrated keypad models are ADA-compliant and based on the 8-bit burst industry standard. Convenient features such as arming/disarming and alarm triggering are pre-programmed for use with Kantech EntraPass software.

Read Range

Depending on the model selected and the environmental conditions, read range varies from 16.5 cm to 73 cm (6.5 in to 29 in). With its extended range, the P600 Long Range Reader is ideal for parking lots and applications where an extended read range is needed to facilitate access.

Unshielded Cable

ioProx readers can be installed using unshielded cable to a distance of up to 300 m (1000 ft) from the controller. Using this type of cable significantly reduces installation costs.

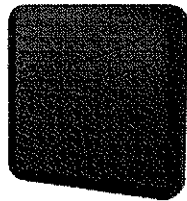
XSF Security

Kantech eXtended Secure Format (XSF) readers are compatible only with Kantech EntraPass software, which includes access to over four billion unique codes. Kantech's XSF cards provide increased security against card duplication.

	P225/P225KP Mullion	P325/P325KP Single Gang	P600 Long Range
Typical Read Range	Up to 16.5 cm (6.5 in)	Up to 20.5 cm (8 in)	Up to 73 cm (29 in)
Input Voltage	4.5 to 14 VDC	4.5 to 14 VDC	12 to 28 VDC
Current DC Maximum	45 mA	45 mA	1 A
Dimensions (H x W x D)	114.3 x 44.5 x 21.3 cm (4.50 x 1.75 x 0.84 in)	115.6 x 71.1 x 21.3 cm (4.55 x 2.80 x 0.84 in)	285 x 285 x 31.5 cm (11.25 x 11.25 x 1.25 in)
Weight	90 g (3.2 oz)	150 g (5.3 oz)	1085 g (38.3 oz)
Format	XSF or 26-bit Wiegand	XSF or 26-bit Wiegand	Field configurable for XSF or 26-bit Wiegand
Maximum Distance From Controller:			
Reader Power 5 VDC	137 m (450 ft)	150 m (500 ft)	—
Reader Power 12 VDC	300 m (1000 ft)	300 m (1000 ft)	150 m (500 ft)
Reader Power 28 VDC	—	—	300 m (1000 ft)
Cable Type	#22 AWG Belden ref #8742 3 twisted pairs, unshielded	#22 AWG Belden ref #8742 3 twisted pairs unshielded	#18 AWG Belden ref #5304UE 6 wires unshielded
Tamper Switch	Optional P-TAMP	Optional P-TAMP	Integrated
High Endurance Braille Keypad	P225KP only	P325KP only	N/A

Common Specifications

Color	Black	Operating Temperature	-35°C to 65°C (-30°F to 150°F)
Transmit Frequency	125 kHz	Certifications	FCC Part 15 Class B CE UL
LED Indicator	Bicolor (Red Green)	Environmental	RoHS WEEE
Piezo Buzzer	Integrated		



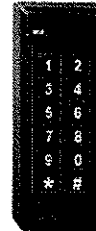
P600



P225XSF
P225W26



P325XSF
P325W26



P225KPXSF
P225KPW26



P225KPXSF
P325KPW26



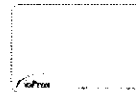
P50TAG
Self-Adhesive
Tag



P40KEY
Keytag



P10SHL
Standard Shell Card



P20DYE
Dye-sub Card



P300MG
Dye-sub Card
with Mag Stripe

Cards and readers shown are not to scale
XSF = Kantech eXtended Secure Format
W26 = 26-bit Wiegand format
ioProx cards are compatible with both XSF and 26-bit Wiegand format ioProx readers

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