

**ADVANCED ALARM TECHNOLOGIES**

**BID FOR ACCESS CONTROL SYSTEM  
AT BECKLEY CORRECTIONAL  
CENTER**

**RFQ# COR61452**

**RECEIVED**

2010 AUG 12 P 12:23

PURCHASING DIVISION  
STATE OF WV

# Advanced Alarm Technologies, Inc.

*A Full-Service Security Company*

P.O. Box 4368 • Parkersburg, WV 26104 • 304-422-4387

State of West Virginia  
Beckley Correctional Center  
111 S. Eisenhower Dr.  
Beckley, WV 25801

8/11/10

Dear Sirs:

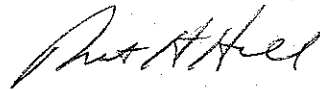
Advanced Alarm Technologies is pleased to offer the enclosed quotation for your consideration. Included with your quotation is a Brochure on what we do here at AAT as well as Product Literature on the Security Systems we are proposing.

We have already completed the installation of Security Systems similar to those quoted here at (33) County Court Facilities and Several School Boards, as well as those listed on the enclosed Reference Sheet.

If you need further information or have any questions, please call at your convenience.

Thank you for allowing Advanced Alarm Technologies to quote your security needs.

Sincerely,



Robert H. Hill  
Advanced Alarm Technologies

## REFERENCES

- 1) Braxton County Board of Education  
411 North Hill Rd.  
Sutton, WV 26601  
(304)765-7101  
Contact: Mike McCoy, Asst. Superintendent  
Installed Access Control System with Video Surveillance and Intercoms for High and Elementary Schools administered from Board Office which also has Controlled Doors.
- 2) William R. Sharpe, Jr. Hospital  
936 Sharpe Hospital Rd.  
Weston, WV 26452  
(304)269-1210  
Contact: Craig Hyer, Facilities Director  
Installed Access Control System throughout Hospital
- 3) Pleasant County Schools  
2272 N. Pleasants Hwy  
St Marys, WV 26170  
(304)684-3047  
Contact: Rex Cox, Facilities Director  
Installed Fire Alarm and Administrative Communication Systems at High School. Work in progress to install Access Control with Video Integration in (4) Schools.
- 4) Blue Cross / Blue Shield  
700 Market St.  
Parkersburg, WV 26101  
(304)424-7765  
Contacts: Paul Starcher, Facilities Engineer / Diana Roberts, Security Officer  
Installed Video Surveillance and Access Control in (4) Buildings in Charleston and Parkersburg which are all administered from the Main Office Building in Parkersburg.

(Visonic System as Specified)

COR61452 - Bid Form			
Description	Estimated Order Qty.	Unit Price	Extended Total
VSX-100KIT Access Controller	5	\$ 1,050.00	\$ 5,250.00
CRD-25	4	\$ 125.00	\$ 500.00
Dynalock 3101 Type Delayed Egress Locks - As Specified	10	\$ 950.00	\$ 9,500.00
Card Access Power Supply - AL600UL	1	\$ 500.00	\$ 500.00
		\$ -	\$ -
Installation Materials - Cabling, Conduit, etc	1 Lot	\$ 1,100.00	\$ 1,100.00
Installation Labor	1 Lot	\$ 8,000.00	\$ 8,000.00
		<b>Grand Total***</b>	<b>\$ 24,850.00</b>
<b>Alternate #1 : Provide Stand-A-Lone Work Station and Control</b>			
System Computer/Software, Controls All Division Access Controllers as Specified	1	\$ 3,750.00	\$ 3,750.00
(2) Workstations, (1) Software		\$ -	\$ -
Installation Materials	1 Lot	\$ 400.00	\$ 400.00
Installation Labor	1 Lot	\$ 1,000.00	\$ 1,000.00
		<b>Grand Total***</b>	<b>\$ 5,150.00</b>
<b>Alternate #2 : Connect to current system</b>			
Network Adapters/Add Access Loops	1	\$ 200.00	\$ 200.00
		\$ 1,300.00	\$ 1,300.00
Installation Materials	1 Lot	\$ 400.00	\$ 400.00
Installation Labor	1 Lot	\$ 1,500.00	\$ 1,500.00
		<b>Grand Total***</b>	<b>\$ 3,400.00</b>

A  
Section  
(Common Equipment)

B  
Section  
(Add to A Section)

C  
Section  
(Add to A Section)

A+B = 30,000.00 (Complete New System)  
 A+C = 28,250.00 (Extension of Existing System)



(Alternate Kantech Standalone System)

COR61452 - Bid Form			
Description	Estimated Order Qty.	Unit Price	Extended Total
KT 300 Access Controllers	5	\$ 1400.00	\$ 7,000.00
W/HIDC1326 Cards	100	\$ 4.00-	\$ 400.00
Dynalock 3101 Type Delayed Egress Locks - As Specified	10	\$ 950.00	\$ 9500.00
Card Access Power Supply - AL600UL	1	\$ 500.00	\$ 500.00
HID, PP6005 Proximity Readers	10	\$ 175.00	\$ 1,750.00
Installation Materials - Cabling, Conduit, etc	1 Lot	\$ 1,100.00	\$ 1,100.00
Installation Labor	1 Lot	\$ 8,000.00	\$ 8,000.00
Grand Total***			\$ 28,250.00
<b>Alternate #1 : Provide Stand-A-Lone Work Station and Control</b>			
System Computer/Software, Controls All Division Access Controllers as Specified	1	\$ 3750.00	\$ 3750.00
(2) Workstations / (1) Software		\$ -	\$ -
Installation Materials	1 Lot	\$ 400.00	\$ 400.00
Installation Labor	1 Lot	\$ 1,000.00	\$ 1,000.00
Grand Total***			\$ 5,150.00
<b>Alternate #2 : Connect to current system</b>			
Network Adapters/Add Access Loops	2	\$ -	\$ -
		\$ -	\$ -
Installation Materials	1 Lot	\$ -	\$ -
Installation Labor	1 Lot	\$ -	\$ -
Grand Total***			\$ -

N/A

A+B = 31,000.00 (Complete New System)

## Bidder / Vendor Information:

Name:

Advanced Alarm Technologies

Address:

PO Box 4368Parkersburg WV 26104

Phone# :

(304) 422-4387

Email Address:

advancedalarm@suddenlink.net

## Contract Coordinator Information:

Name:

Robert Hill

Address:

Same as Above

Phone# :

Email Address:

**Advanced Alarm Technologies**

P.O. Box 4368  
 Parkersburg, WV 26104  
 (304)422-4387

**JOB QUOTE**

Date: 8/5/2010

Contact: Robert H. Hill

BECKLEY CORRECTIONAL CENTER  
 111 S. EISENHOWER DR.  
 BECKLEY, WV 25801  
 256-6780

We are pleased to offer the following quote:

**Job Description:** Access Control System

QUANTITY	DESCRIPTION	PRICE
	Stand Alone System (Kantech)	\$31,000.00
1	Software Package	
1	Server Computer / Monitor / Printer	
1	Additional Workstation	
5	KT300 Door Controllers	
10	Proximity Readers	
100	Proximity Cards	
10	3101B Maglocks	
1	Power Supply with Back-up Batteries	
5	Audible Sounders	
	See included Specifications for this Alternate which is much superior to the Visonic System	
	Stand Alone System (Visonic)	\$30,000.00
1	Software Package	
1	Server Computer / Monitor / Printer	
1	Additional Workstation	
5	KT300 Door Controllers	
10	Proximity Readers	
100	Proximity Cards	
10	3101B Maglocks	
1	Power Supply with Back-up Batteries	
5	Audible Sounders	
	Expansion System (Visonic)	\$28,250.00
1	Additional Workstation	
5	AXS-100 KIT (Dual Controller / Power Supply / 2 Readers)	
4	CRD-25 (Pack of 25 Cards)	
10	3101B Maglocks	
1	Power Supply with Back-up Batteries	





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  
**COR61452**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 BUYER 32  
 304-558-2544

RFQ COPY  
 TYPE NAME/ADDRESS HERE

DIVISION OF CORRECTIONS  
 BECKLEY CORRECTIONAL CENTER  
 111 SOUTH EISENHOWER DRIVE  
 BECKLEY, WV 25801  
 304-256-6780

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
06/30/2010				

BID OPENING DATE: **08/12/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		990-22		
<p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF CORRECTIONS, IS SOLICITING BIDS FOR EXPANSION OF THE CARD ACCESS SYSTEM AT THE JACKIE WITHROW HOSPITAL PER THE ATTACHED SPECIFICATIONS.</p> <p><b>CARD ACCESS SECURITY SYSTEM</b></p> <p><b>MANDATORY PRE-BID</b></p> <p>A MANDATORY PRE-BID WILL BE HELD ON 07/21/2010 AT 10:00 10:00 AM AT THE JACKIE WITHROW HOSPITAL LOCATED AT 105 SOUTH EISENHOWER DRIVE, BECKLEY, WV 25801, SECTION D, 4TH FLOOR, ROOM 4010. ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT IN DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.</p> <p>AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATORY PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE.</p>						
					See Bid Form	
					(Multiple Prices)	

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Robert H. Hill</i>	TELEPHONE <i>(304) 422-4387</i>	DATE <i>8/11/10</i>
TITLE <i>President</i>	FEIN <i>20-2085989</i>	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  
**COR61452**

PAGE  
**7**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**BUYER 32  
 304-558-2544**

ROBERT V.

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF CORRECTIONS  
 BECKLEY CORRECTIONAL CENTER  
 111 SOUTH EISENHOWER DRIVE

BECKLEY, WV  
 25801

304-256-6780

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
06/30/2010				

BID OPENING DATE: **08/12/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>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 ..... ✓</p> <p>NO. 2 ..... ✓</p> <p>NO. 3 ..... </p> <p>NO. 4 ..... </p> <p>NO. 5 ..... </p> <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</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Robert Hill</i>	TELEPHONE <b>(304) 422-4387</b>	DATE <b>8/11/10</b>
TITLE <i>President</i>	FERN <b>20-2085989</b>	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  
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# Request for Quotation

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**COR61452**

PAGE  
**8**

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RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIVISION OF CORRECTIONS  
 BECKLEY CORRECTIONAL CENTER  
 111 SOUTH EISENHOWER DRIVE  
 BECKLEY, WV  
 25801 304-256-6780

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
06/30/2010				

BID OPENING DATE: **08/12/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>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>Robert Powell</i> ..... SIGNATURE            ..... <i>Advanced Alarm Technologies</i> ..... COMPANY            ..... <i>8/11/10</i> ..... DATE</p> <p>REV. 11/96</p> <p style="text-align: center;"><b>CONTRACTORS LICENSE</b></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 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>Advanced Alarm Technologies</i> ...</p> <p>CONTRACTORS LICENSE NO.: ... <i>WV025246</i> ...</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE \_\_\_\_\_ TELEPHONE \_\_\_\_\_ DATE \_\_\_\_\_

TITLE \_\_\_\_\_ FEIN \_\_\_\_\_ ADDRESS CHANGES TO BE NOTED ABOVE

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

RFQ No. COR61452

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: 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.

**DEFINITIONS:**

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

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

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

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.

**WITNESS THE FOLLOWING SIGNATURE**

Vendor's Name: Advanced Alarm Technologies

Authorized Signature: [Signature] Date: 8/11/10

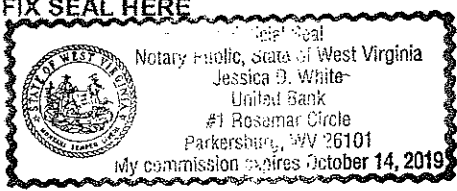
State of WV

County of WOOD, to-wit:

Taken, subscribed, and sworn to before me this 11th day of August, 2010.

My Commission expires October 14, 2019.

**AFFIX SEAL HERE**



NOTARY PUBLIC [Signature]



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

STATE OF West Virginia

COUNTY OF Wood, TO-WIT:

I, Robert H Hill, after being first duly sworn, depose and state as follows:

- 1. I am an employee of Advanced Alarm Technologies; and,  
(Company Name)
- 2. I do hereby attest that Advanced Alarm Technologies  
(Company Name)

maintains a valid written drug free workplace policy and that such policy is in compliance with **West Virginia Code §21-1D-5**.

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

Advanced Alarm Technologies  
(Company Name)

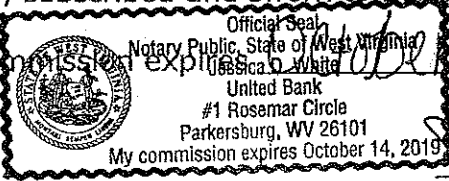
By: Robert Hill

Title: President

Date: 8/11/10

Taken, subscribed and sworn to before me this 11th day of August.

By Commission Expires October 14, 2019

(Seal)  Jessica D. White  
 Notary Public, State of West Virginia  
 United Bank  
 #1 Rosemar Circle  
 Parkersburg, WV 26101  
 My commission expires October 14, 2019

Jessica D. White  
(Notary Public)

**THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLY WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.**

Agency EE1462  
REQ.P.O# \_\_\_\_\_

**BID BOND**

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Advanced Alarm Technologies  
of Parkersburg, West Virginia, as Principal, and Erie Insurance  
of Erie, Pennsylvania, a corporation organized and existing under the laws of the State of  
Pennsylvania with its principal office in the City of Erie, as Surety, are held and firmly bound unto the State  
of West Virginia, as Oblgee, in the penal sum of Thirty One Thousand (\$ 31,000) 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  
Access Control System at Beckley Correctional Center in Beckley, WV

**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 Oblgee 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  
11 day of August, 2010.

Principal Corporate Seal

Advanced Alarm Technologies  
(Name of Principal)  
By [Signature]  
(Must be President or Vice President)  
President  
(Title)

Surety Corporate Seal

Erie Insurance Property & Casualty co.  
(Name of Surety)  
[Signature]  
Attorney-in-Fact

**IMPORTANT - Surety executing bonds must be licensed in West Virginia to transact surety insurance. Raised corporate seals must be affixed, a power of attorney must be attached.**



ERIE INSURANCE
PROPERTY & CASUALTY COMPANY
ERIE, PA 16530
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That ERIE INSURANCE PROPERTY & CASUALTY COMPANY, a corporation duly organized under the laws of the Commonwealth of Pennsylvania, does hereby make, constitute and appoint

Jeffrey L. Hood, Wendy McEldowney, Steven P. Thompson, Randall E. Kerns, Michael W. Mason, Sue Lockwood, Dorinda Talerico, Kristine D. Mills, Emily Bolliger and Chelsea Mollohan individually, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed: any and all bonds and undertakings of suretyship,

----- each in a penalty not to exceed the sum of one million dollars (\$1,000,000.00). -----

And to bind ERIE INSURANCE PROPERTY & CASUALTY COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by the appropriate officer of ERIE INSURANCE PROPERTY & CASUALTY COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

The Power of Attorney is granted under and by authority of the following Resolution adopted by the Board of Directors of ERIE INSURANCE PROPERTY & CASUALTY COMPANY on the 11th day of March, 2008, and said Resolution has not been amended or repealed:

"RESOLVED, that the President, or any Senior Vice President or Vice President shall have power and authority to: (a) Appoint Attorney(s)-in-Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and, (b) Remove any such Attorney-in-Fact at any time and revoke the power and authority given to him; and

RESOLVED, that Attorney(s)-in-Fact shall have power and authority, subject to the terms and limitations of the Power of Attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

This Power of Attorney is signed and sealed by facsimiles under and by virtue of the following Resolution adopted by the Board of Directors of ERIE INSURANCE PROPERTY & CASUALTY COMPANY on the 18th day of September, 2008, at which a quorum was present and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of Terrence W. Cavanaugh, as President and Chief Executive Officer of the Company, and the Seal of the Company may be affixed by the following facsimiles on any Limited Power of Attorney for the execution of bonds, undertakings, recognizances, contracts and other writings in the nature thereof, and the signature of James J. Tanous, as Secretary of the Company, the Seal of the Company, the signature of Sheila M. Hirsch, as Notary Public, and her Notarial Seal, may also be affixed by the following facsimiles to any certificate or acknowledgment of any such Limited Power of Attorney, and only under such circumstances shall said facsimiles be valid and binding on the Company."

IN WITNESS WHEREOF, ERIE INSURANCE PROPERTY & CASUALTY COMPANY has caused these presents to be signed by its President and Chief Executive Officer, and its corporate seal to be hereto affixed this 18th day of September, 2008.



Handwritten signature of Terrence W. Cavanaugh, President and Chief Executive Officer.

STATE OF PENNSYLVANIA } ss.
COUNTY OF ERIE

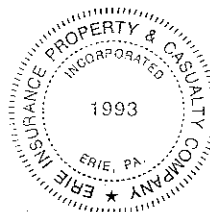
On this 18th day of September, 2008, before me personally came Terrence W. Cavanaugh, to me known, who being by me duly sworn, did depose and say: that he is President and Chief Executive Officer of ERIE INSURANCE PROPERTY & CASUALTY COMPANY, the corporation described in and which executed the above instrument; that he knows the Seal of said corporation; that the Seal affixed to the said instrument is such corporate Seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



Handwritten signature of Sheila M. Hirsch, Notary Public, My commission expires June 27, 2012.

CERTIFICATE

I, James J. Tanous, Secretary of ERIE INSURANCE PROPERTY & CASUALTY COMPANY, do hereby certify that the original POWER OF ATTORNEY, of which the foregoing is a full, true and correct copy, is still in full force and effect as of the date below.



Handwritten signature of James J. Tanous, Secretary.

In witness whereof, I have hereunto subscribed my name and affixed corporate Seal of the Company by facsimiles pursuant to the action of the Board of Directors of the Company,

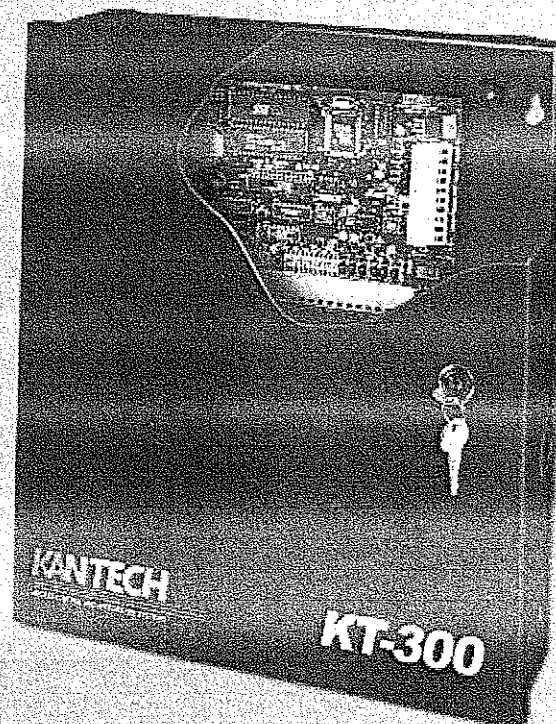
this day of 20

**KANTECH**

# KT-300 Door Controller

INNOVATIVE AND POWERFUL

- Controls two doors and easily links to a network
- Update the firmware directly from the system workstation
- Fast, up to 115,200 baud
- Ready to go, no dip switches or jumpers to set
- 5V and 12V reader power
- Interfaces with an external alarm system
- Automated trouble reporting





## KT-300 Door Controller

INNOVATIVE AND POWERFUL

The KT-300 is a two door controller designed to meet the highest standard of access control and monitoring point applications.

### KT-300 Technical Specifications

Input power	16 VAC, 40VA, class 2 transformer
Battery backup	1 battery 12V, 7Ah, supervised, provides operation for up to 12 hours
Dimensions	29.9 x 28.8 x 7.7 cm (11.75 x 11.38 x 3 in) EMT 1.9 cm (0.8 in)
Weight (with metal cabinet)	2.4 kg (5.4 lbs)
Operating temperatures	2°C to 40°C (35°F to 110°F)
Compatible 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)
Monitored points max. wiring distance	600 m (2,000 ft) – (AWG #22)
Door strike power	12 VDC, 250mA each, supervised
Auxiliary outputs (LED, BUZ)	4 outputs, 25mA max. each, open collector
Control relay outputs (R1, R2)	2 control relay outputs, 12 VDC, 25mA totals each, open collector (optional relay RM1 available)
Auxiliary power output	12 VDC @125mA max., protected and supervised
Reader power outputs	12 VDC and 5 VDC @125mA total, protected and supervised
Communication ports	RS-232, RS-485 and Combus
Communication speed	Up to 115,200 baud (automatic detection)
Firmware flash memory	128K
RAM	128K (512K unit available), protected by a lithium battery
Network autonomy	Distributed data and processing
Certifications	UL294, CE, FCC

### Expansion Modules Specifications

#### 4-relay and Combus additional power supply module (KT-PC4204)

Current draw	30mA from Combus
Input Power	40VA-18 VAC transformer required
Battery	12V 7Ah maximum
Output	4 programmable relay form C contacts rated 2A
Input	Tamper contact
Certifications	UL, CE, FCC

#### 16-output expansion module (KT-PC4216)

Current draw	15mA from Combus
Output	12 VDC, 50mA max. each, drawn from Combus
Input	Tamper contact
Certifications	UL, CE, FCC

#### 8-zone input expansion module (KT-PC4108)

Current draw	30mA from Combus
Output	Auxiliary 12 VDC, 250mA max., drawn from Combus
Input	Tamper contact
Certifications	UL, CE, FCC

#### Time/date display (KT3-LCD)

Current draw	50mA from Combus
Certifications	UL, CE, FCC

### Ordering Information

**KT-300/128K** Door controller for 2 readers with 128K memory, includes metal cabinet, KT-300-ACC and KT-300LOCK

**KT-300/512K** Door controller for 2 readers with 512K memory, includes metal cabinet, KT-300-ACC and KT-300LOCK

**KT-300PCB128** Door controller with 128K memory (PCB only) and accessory kit KT-300-ACC

**KT-300PCB512** Door controller with 512K memory (PCB only) and accessory kit KT-300-ACC

**KT-300-ACC** KT-300 Accessory kit includes: 1.0K ohm (2), 5.6K ohms (10), 120 ohms (2), PCB standoff, lock hole cover, ground wire and screwdriver

**KT-PC4108** 8-zone input expansion module for KT-300

**KT-PC4204** 4-relay and Combus additional power supply module for KT-300

**KT-PC4216** 16-output expansion module for KT-300

**KT-RM1** External isolation relay SPDT for KT-300 output (RL1/RL2)

**KT3-LCD** LCD monitor for time and date information for KT-300

**KT-300CAB** KT-300 black metal cabinet including KT-300LOCK

**KT-4051CAB** Standard black metal cabinet for KT-PC4204

**KT-PC4216** and **KT-PC4108** modules (order key lock separately)  
42.7 x 26.4 x 14.4 cm (16.8 x 10.4 x 4.1 in) EMT 1.9 cm (0.8 in)

**KT-300LOCK** Keylock for KT-300CAB and KT-4051CAB metal cabinets, includes 2 keys

**KT-300TAMP** Tamper switch for KT-300CAB and KT-4051CAB metal cabinet

**TR1637W/CSA** AC transformer, wire-in, 110V/16V (37VA) CSA

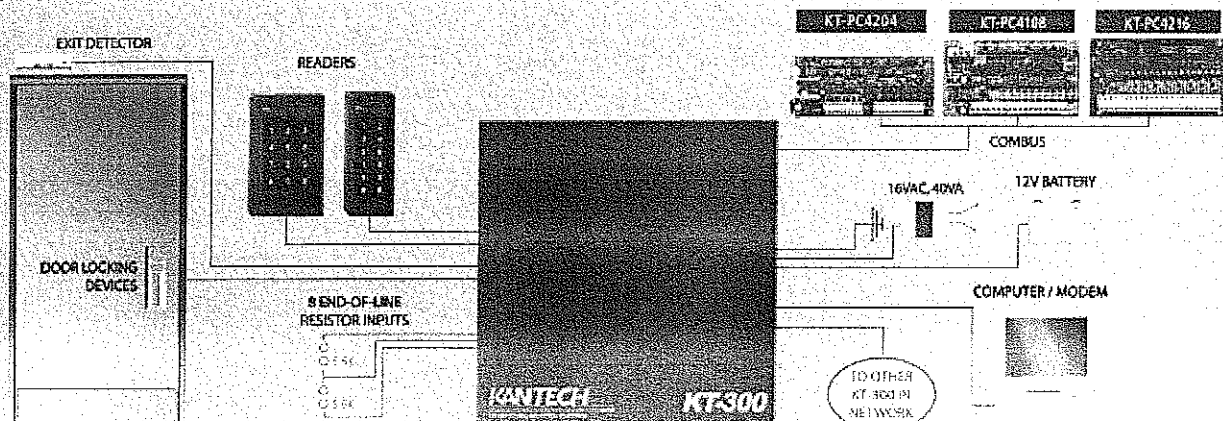
**TR1640P/CSA** AC transformer, plug-in, 110V/16V (40VA) CSA

**TR1640P/UL** AC transformer, plug-in, 110V/16V (40VA) UL

**TR1640W-220** AC transformer, wire-in, 220V/16V (37VA) CE

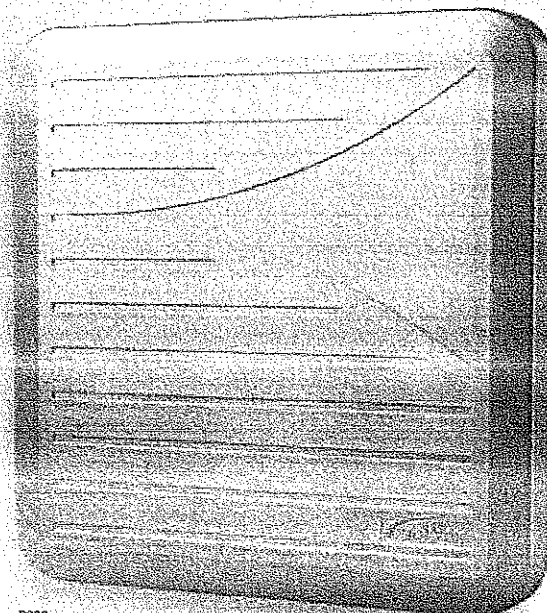
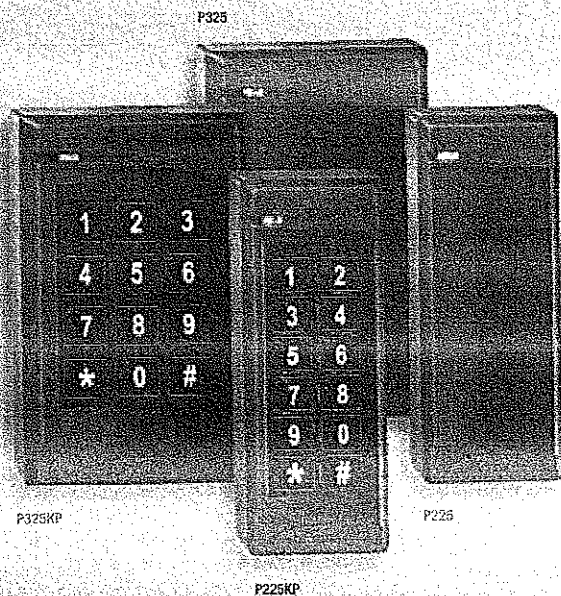
**USB-485** USB to RS-485 communication interface

**VC-485** RS-232 to RS-485 communication interface



# ioProX™ Proximity Readers

- Kantech eXtended Secure Format (XSF) or 26-bit Wiegand format
- Up to 300 m (1000 ft) unshielded cable
- Up to 73 cm (29 in) read range (P600)
- Quick Connect Terminal Block (P225 & P325 series)
- Digital Signal Processing (DSP) for enhanced security
- Indoor/outdoor use
- Integrated piezo buzzer & bicolor LED
- Integrated Tamper Switch on P600 (optional on other models)



## ioProx™ Proximity Readers

With a selection of five ioProx readers, the demands of any application are easily met. The readers are attractive, compact, weatherized and vandal-resistant so that they are 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 cost.

### 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 special consideration is needed to facilitate access.

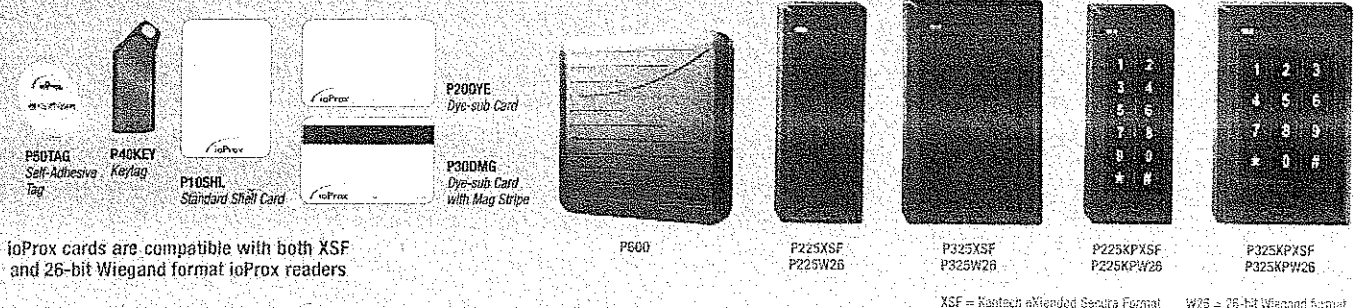
### Unshielded Cable

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

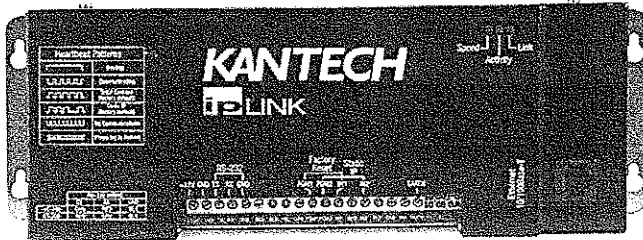
Kantech eXtended Secure Format (XSF) readers are compatible only with Kantech EntraPass software, with access to over 4 billion unique codes. Kantech's XSF cards provide increased security and absolute guarantee against card duplication.

Technical Specifications	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 (HWD) cm	114.3 x 44.5 x 21.3	115.6 x 71.1 x 21.3	285 x 285 x 31.5
Dimensions (HWD) in	4.50 x 1.75 x 0.84	4.55 x 2.80 x 0.84	11.25 x 11.25 x 1.25
Weight	90 g (3.2 oz)	150 g (5.3 oz)	1085 g (38.3 oz)
Color	Black	Black	Black
Transmit frequency	125 kHz	125 kHz	125 kHz
LED indicator	Bicolor (Red, Green)	Bicolor (Red, Green)	Bicolor (Red, Green)
Piezo buzzer	Integrated	Integrated	Integrated
Operating temperature	-35°C to 65°C (-30°F to 150°F)	-35°C to 65°C (-30°F to 150°F)	-35°C to 65°C (-30°F to 150°F)
Format	XSF or 26-bit Wiegand	XSF or 26-bit Wiegand	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
Certification	FCC, CE & UL	FCC, CE & UL	FCC, CE & UL
Tamper switch	Optional P-TAMP	Optional P-TAMP	Integrated
High Endurance Braille Keypad	P225KP only	P325KP only	N/A



ioProx cards are compatible with both XSF and 26-bit Wiegand format ioProx readers

XSF = Kantech eXtended Secure Format W26 = 26-bit Wiegand format



## 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

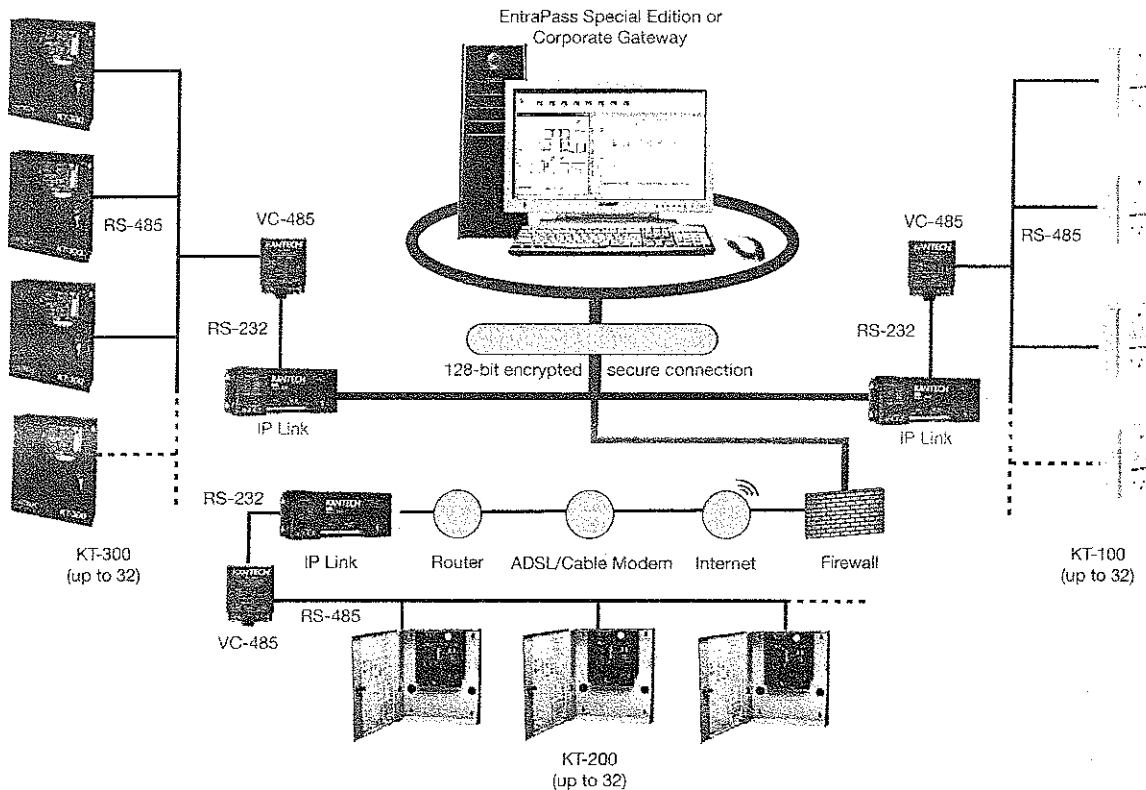
### Regulatory

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

### 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



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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# 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.

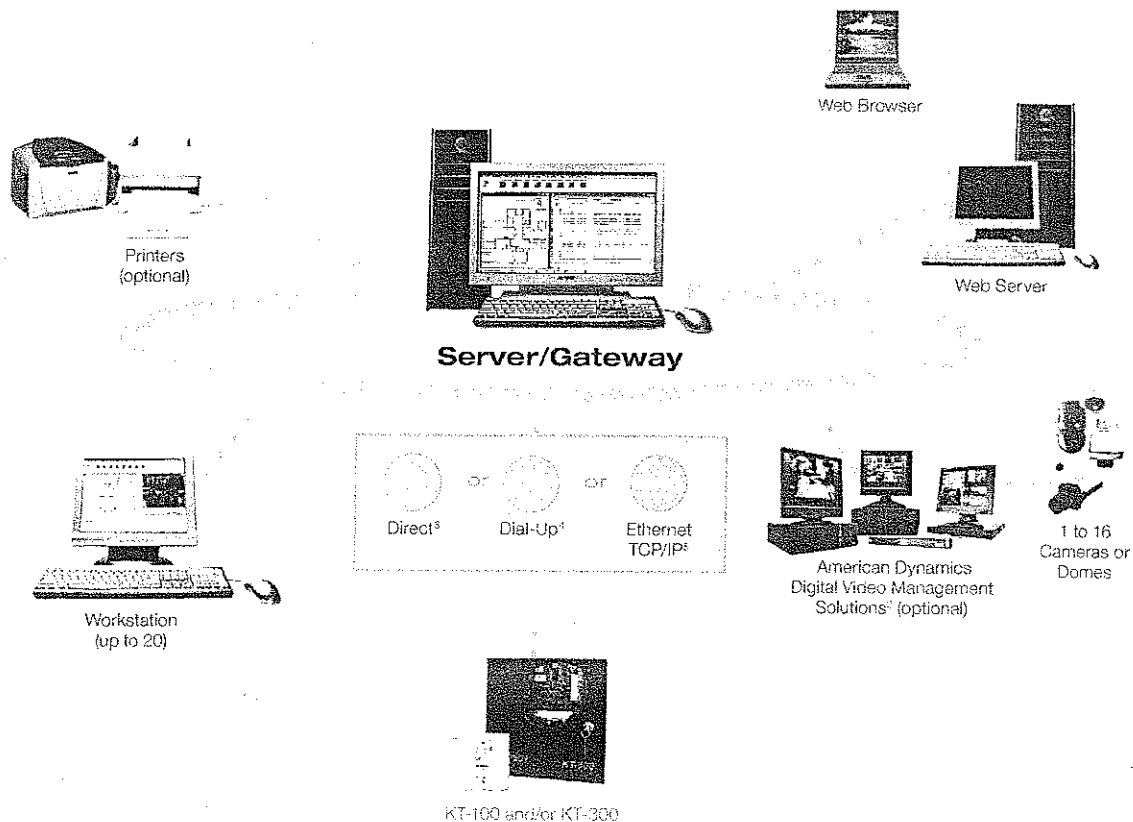
## Managed Access Control

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.



(1) Requires 200 or higher for Windows Ultra, 200 MS, 97, or 2000 or higher for Windows XP. Limit EDVR v1.03.  
 (2) Direct: KT-300, via RS-232 or RS-485 with USB-485 or VC-485 converter; KT-100 via RS-485 with USB-485 or VC-485 converter.  
 (3) Dial-up: KT-300 only, using RS-232 serial modem at remote site (KT-100 needs to be connected to a KT-300).  
 (4) Ethernet TCP/IP: using Kantech IP-Link (KT-100 also requires VC-485 converter).

### 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<sup>6</sup>

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 <sup>7</sup>

### 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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### 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

<sup>6</sup> Actual requirements may vary based on your operating system and configuration.  
<sup>7</sup> Video functionalities are not supported with Windows Vista.

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