



QUANTUM IP web browser, with embedded software, is a simple to use remote access control solution for the latest in access management, turning any device - laptop, smartphone, or tablet, into an instant mobile programmer. Whether a single home, a gated community, apartments or condos, college dorm, office building, or industrial sites, maintain 24 hr. access control anywhere at anytime.

The QUANTUM IP module is a factory or dealer retro-fit mount in any of the sleek QUANTUM telephone entry system cabinets. The only software required is loaded in the module for instant use. Intuitive to use, create and manage the entire data base of tenants, phone numbers, access codes and cards, time zones, schedules, and more with a QUANTUM IP web browser one click connection.

The QUANTUM IP offers an affordable, extremely user friendly access management solution any time, any where!

PACH AND COMPANY
Home of Telephone Access Control Systems

A. EGIS QUANTUM



QUANTUM INNOVATIVE ACCESS CONTROL



AeGIS CLASSIC TELEPHONE ENTRY

PACH AND COMPANY
Home of Telephone Access Control Systems
A. EGIS QUANTUM
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www.pach-co.com

PACH AND COMPANY
SHORT FORM CATALOG v.0213

For Availability, call 1.888.678.7224 or 949.498.2951
For Product Spec. Sheets, visit www.pach-co.com

QUANTUM COMMERCIAL QC1

MULTI TENANT DEDICATED PHONE SYSTEMS



- 100 tenants
- Lighted Keypad
- 1x16 Liquid Crystal Display
- 300-1000 Programmable Codes
- 300-1000 Card/Fob Capacity with built-in 26 Bit Wiegand Reader
- 10 Temporary Codes and Cards.
- 10 Programmable Unlock hold codes and cards
- 20 Holiday Time Zones

- Up to 8 Satellite Readers, Keypads. (or combo) capability via RS-485
- 600 Event Buffer • Do Not Disturb Mode • Two Relays • Call Waiting
- Optional Internet Browser Programming

QUANTUM QR5

RESIDENTIAL WITH 10 ADDITIONAL CALL OUT NUMBERS



- Use existing or dedicated phone line
- 10 Programmable Call Forwarding
- 100 Access Codes
- 100 Cards Capacity
- 10 Temporary Access Codes and Cards for limited use.
- 10 Unlock hold Access Codes and Cards

- 10- Time Zones, Auto Unlock Timers, 20 Holiday Time Zones
- Satellite Reader and keypad capability via RS-485
- 600 Event Buffer • Optional Internet Browser Programming

SK1000

STAND ALONESMART DIGITAL KEYPAD WITH PROXIMITY READER



- 1000 Cards or Fobs
- 26-Bit proprietary Wiegand Reader
- 10 Visitor Temporary Codes
- Audible Tone for valid/invalid access
- Dual Relay
- Brushed stainless steel faceplate, surface mount, indoor or outdoor.

AeGIS 9000 PLUS SERIES

MULTI TENANT DEDICATED PHONE SYSTEM



- 600-2000 tenants and 3500 cards and access codes.
- Programming: Remote and RS232 (via software) and local. Event recording with 1200 events buffer.
- 2x16 Electronic Liquid Crystal Display (LCD).
- Two relays.
- Auto Unlock Timer, Time Zones, Holiday Time Zones.

- Optional 26-Bit Wiegand Reader
- Indoor or outdoor, surface and full-flush.
- Brushed Stainless Steel.

AeGIS 7000 PLUS SERIES

MULTI TENANT DEDICATED PHONE SYSTEM



- 150-250 tenants and 150-250 access codes.
- Remote Via a Touch Tone Phone and Local programming.
- 1x16 Electronic Liquid Crystal Display (LCD).
- Single Relay.
- Indoor or outdoor, surface and full-flush mount.
- Brushed Stainless Steel.

AeGIS 8000 PLUS SERIES

MULTI TENANT DEDICATED PHONE SYSTEM



- 250 tenants and 250 access codes.
- Remote programming via software and event recording with 600 events buffer.
- 1x16 Electronic Liquid Crystal Display (LCD).
- Two relays.
- Indoor or outdoor, surface and full-flush mount.
- Brushed Stainless Steel.

AeGIS NPB9000 PLUS SERIES

MULTI TENANT NON SUBSCRIBER PHONE SYSTEMS



- 12-996 tenants and 2500-3500 cards and access codes.
- Programming: Remote and RS232 (via software) and local. Event recording with 1200 events buffer.
- 2x16 Electronic Liquid Crystal Display (LCD).
- Distinctive ringing and call waiting.
- Auto Unlock Timer, Time Zones, Holiday Time Zones.

- Optional 26-Bit Wiegand Reader, Wiegand Radio Reader.
- Indoor outdoor, surface and full-flush mount.
- Brushed Stainless Steel. • Two Relays.

AeGIS NPB7000 PLUS SERIES

MULTI TENANT NON SUBSCRIBER PHONE SYSTEMS



- 150-250 Tenants and 150-250 access codes.
- Distinctive Ringing and Call Waiting.
- 1x16 Electronic Liquid Crystal Display (LCD).
- Single Relay.
- Indoor outdoor, surface and full-flush mount.
- Brushed Stainless Steel.

QUANTUM • QC3IP • QC6IP • QC1KIP

WEB BASED INTERNET PROGRAMABLE MULTI TENANT DEDICATED TELEPHONE ENTRY



LARGE CAPACITY COMMERCIAL ENTRY SYSTEMS

- Up to 1000 Tenants, Up to 3500 Codes and Cards
- 50 Temporary Codes and Cards
- 50 Programmable Unlock Hold Codes and Cards
- 2000 Event Recording Buffer
- Built-in Prox Reader with Additional Wiegand Input Port
- Lighted Keypad
- 2 x 16 Line Liquid Crystal Display on QC3 and QC6
- Two On Board Relays
- Up to 64 independent access Satellite Readers, Keypads or reader/keypads combo capability via RS-485
- Two Auxiliary Inputs
- Two Door Sensors • Optional Color Camera

Check for availability



QUANTUM IP SOLUTIONS • QR5 IP • QC1 IP • QC2 IP

WEB BASED INTERNET PROGRAMABLE TELEPHONE ACCESS CONTROL



IP DATA MANAGEMENT TELEPHONE ENTRY SYSTEMS

- Internet IP programmable via any browser on the market including iPad, Smartphone, and Tablet
- Programmable via Local Area Network (LAN), INTERNET, or Direct Ethernet Connection using any web browser engine
- Selectable port - NO DEDICATED STATIC IP NEEDED
- **"NO COMPUTER SOFTWARE INSTALLATION"**
- Fully independent IP Module with embedded software

PRODUCTS AND PART NOS.

- QR5IP • Residential with 10 additional call out numbers TES includes QWCM IP Module with Embedded Software
- QC1IP • Multi-Tenant TES • 100 Tenant Capacity includes QWCM IP Module with Embedded Software
- QC2IP • Multi-Tenant TES • 250 Tenant Capacity includes QWCM IP Module with Embedded Software



WIRELESS PRODUCTS

SMARTCOMM

WIRELESS DOOR AND GATE INTERCOM



WIRELESS DIGITAL ENHANCED CORDLESS TELECOM (DECT) INTERCOM SYSTEM

- Hands Free with High Quality Sound
- 2-way Communication between DECT Door/gate Announce module and DECT Indoor Phone Set(s).
- Service Provider Feature Compatible Caller ID • Caller Block • Call Forwarding
- Up to 4 DECT Indoor Phone Sets per Door/gate Announce nit
- Up to 400FT Wireless Range as Remote (gate) Intercom

PRODUCTS, PARTS, AND CODES:

- SCWB - SMARTCOMM WIRELESS COMBO BASE SYSTEM (1 EA. SCWA and SCWP)
- SCWA - SMARTCOMM WIRELESS DOOR ANNOUNCE UNIT
- SCWP - SMARTCOMM WIRELESS INDOOR PHONE
- SCWM - SMARTCOMM WIRELESS DOORSTRIKE COMMUNICATOR MODULE

SMARTCELL • SCWT

WIRELESS GSM TERMINAL

GSM WIRELESS TERMINAL

- Turn Wired into Wireless
- Simple to Install
- Easy to Maintain
- Compatible with most telephones, PBX, and VoIP gateways.
- Connect to Alarm systems to achieve a wireless alarm(for security use)



• FREQUENCIES:

- GSM 900/800 MHZ DUAL BAND
- GSM 850/900/1800/1900 MHZ QUAD BAND

UPMDB64 • UPMDB72

DIRECT BURIAL AUTO • PEDESTRIAN MOUNTING POST



- Universal pedestal mount post for in-ground direct burial, multi-access installations, and mounting various manufacturer's products
- Mount AeGIS and Quantum Telephone Entry Systems (UAP may be required)
- Mount Pach and Co. Gang Box (uPMGB and uPMGBL)
- 11-gauge Cold Rolled Steel with Triple Coat Rust Proof Enamel Finish.

UPMDB64 64" Ht.
UPMDB72 72" Ht.

UPM2 • UPM5

AUTO • PEDESTRIAN • SEMI-TRUCK MOUNTING POST



- Universal double vertical and horizontal arm pedestal mount posts for multi-access installations, and mounting various manufacturer's products
- Mount AeGIS and Quantum Telephone Entry Systems (UAP may be required)
- Mount Pach and Co. Gang Boxes (UPMGB and UPMGBL)
- 11-gauge Cold Rolled Steel with Triple Coat Rust Proof Enamel Finish.

UPM2 44" and 84" Ht. Dual Vertical
UPM5 47" Ht. Dual Horizontal

185VSC AND 245VSC

DIGITAL VIDEO RECORDER LOCK BOX



- Indoor security cabinet to house video camera recorder
- Removable lid for easy access
- Cooling Air vents
- Two dedicated 2" cable ports; and 2 additional knock ports
- Extra internal space for other components

- 16-gauge cold rolled steel with powdered coated textured finish.

Dimensions:

185VSC: 18" (W) x 18" (D) x 5" (H) Single 3X3 high-performance fan.
245VSC: 21" (W) x 21" (D) x 8" (H) Single 4X4 high-performance fan.

245DLB AND 345DLB

DIGITAL VIDEO RECORDER LOCK BOX



- Indoor security cabinet to house video camera recorder
- Removable lid for easy access
- Cooling Air vents
- Two dedicated 2" cable ports; and 2 additional knock ports
- Extra internal space for other components

- 16-gauge cold rolled steel with powdered coated textured finish.

Dimensions:

245DLB: 21" (W) x 24" (D) x 8" (H) Single 4X4 high-performance fan.
345DLB: 21" (W) x 24" (D) x 13" (H) Dual 4X4 high-performance fans.

134VSC

DIGITAL VIDEO RECORDER LOCK BOX



- Indoor security lock box for DVD or VCR recorder equipment.
- Removable lid for access ease.
- Cooling air vents.
- Two dedicated 2" cable ports; and 2 additional knock ports.

- Added internal space for other related components.
- Single 3X3 high-performance fan kit.

Dimensions:

134VSC: 13" (W) X 14" (D) X 5" (H)

UPMGBS • UPMGB • UPMGBL

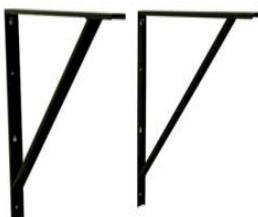
UNIVERSAL GANG BOX



- Use to mount Wiegand card reader and various other mfgs. equipment.
 - Available in three sizes
 - Design to mount directly on to Pach UPM series mount posts.
 - Soft aluminum faceplate. 22 gauge cold rolled steel weatherized back box.
- Dimension: (UPMGBS) 7"x 7"x 2.5"
Dimension (UPMGB) 10"x 10"x 2"
Dimension (UPMGBL) 20"x 20"x 2"

245WMK

WALL MOUNT KIT



- Indoor wall mount kit for Pach and Co. security recorder lock box cabinets (245VSC and 245DLB)
- 16-gauge cold rolled steel with powder coated textured finish.

ADA1

AUDIO VISUAL ALERT SYSTEM



- Dual Audio and Visual Alarms for Hearing and Visual Impaired
- Adjustable Timer (Alarm)
- ABS Plastic Housing.
- Flashing Strobe Light.
- High Volume (90dbA) Piezoelectric Alarm.
- Indoor use. Surface or Flush Mount.

AeGIS 4000^{PLUS}

SINGLE TENANT SYSTEM FOR RESIDENTIAL



- Install as an Intercom system on the existing or dedicated phone line
- Remote programming via a touch tone phone
- Distinctive Ringing and Call Waiting
- Automatic Call Forwarding or Manual Call Forwarding
- 50 programmable access codes

AeGIS 4000RT^{PLUS}

SINGLE TENANT SYSTEM FOR RESIDENTIAL WITH BUILT-IN RECEIVER AND TWO TRANSMITTER



- Indoor or outdoor, surface mount.
- Surface or Full-flush Brushed Stainless Steel Face-plate

- Install as an Intercom system on the existing phone line or dedicated phone line.
- Remote programming via a touch tone phone.
- Distinctive Ringing and Call Waiting. • Two Relays.
- Automatic Call Forwarding or Manual Call Forwarding.
- 50 programmable access code

AeGIS 4000B^{PLUS} • LIGHTED CALL BUTTON

SINGLE TENANT RESIDENTIAL TELEPHONE ENTRY



- Illuminated Blue "CALL BUTTON" for immediate visitor to resident contact
- Install as an Intercom system on existing phone line or dedicated phone line
- Remote programming via a touch tone phone
- Distinctive Ringing and Call Waiting
- Automatic Call or Manual Call Forwarding
- 50 programmable access codes

- Two Relays.
- Indoor or outdoor, surface mount.
- Surface or Full-flush Brushed Stainless Steel Face-plate

PACH AND COMPANY

"Committed to product integrity, proven product performance, continual product innovation, and excellence in personalized customer service."

A.EGIS • Q.QUANTUM

26-BIT WIEGAND READER AND KEYPAD ACCESSORIES

UWCR

26-BIT WIEGAND UNIVERSAL PROXIMITY READER



- 26-Bit Proprietary Wiegand card reader
- Four Wire Connection
- Up to 2-inch read range.
- PSK Modulation.
- Indoor Mount *Only*.

QSK1000

QUANTUM SATELLITE CARD READER-KEYPAD COMBO



- Satellite Card Reader and Keypad Combination
- 26-Bit Proprietary Wiegand Card Reader
- Lighted keypad
- RS-485 to Interface with any Quantum Telephone Entry System
- Brushed stainless steel faceplate.
- Slim lines, surface mount for indoor or outdoor use.

USCR

UNIVERSAL SATELLITE CARD READER



- 26-Bit Proprietary Wiegand Proximity Reader.
- Audible Tone for valid and invalid access.
- Single Relay
- Brushed stainless steel faceplate, slim lines, surface mount.
- Valid and invalid access LED
- Indoor or outdoor use.

USKP

UNIVERSAL SATELLITE KEYPAD



- 4-digit access codes.
- Audible Tone for valid and invalid access.
- Lighted keypad
- Single Relay
- Brushed stainless steel faceplate.
- Slim lines, surface mount.
- Indoor or outdoor use.

ARFR
RADIO FREQUENCY RECEIVER



- As an option for all AeGIS Telephone Entry Systems.
- Up to 600 feet open air range.
- Up to 68 billion codes.
- Receiver learns up to 15 transmitter.

ARFT • ARFHT
RADIO TRANSMITTER FOR ARFR



- ARFT:** Radio frequency keyfob transmitter.
- ARFHT:** Radio frequency handheld transmitter.

USP1
UNIVERSAL SURGE PROTECTOR



- Protect against common electrical, or other similar, power surges; **excluding** catastrophic environmental conditions such as lightning strikes.

AWRR
26-BIT WIEGAND RADIO READER



- Interface with any Quantum, AeGIS 9000, and NPB9000.
- Interface RS-485 Wiegand Controller Reader Module (UCRM) as a satellite radio receiver.
- Four wires connection.
- Read range up to 500 feet.
- Weather resistance housing



TRANSMITTER
TRANSMITTER FOR AWRR

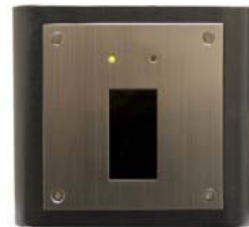
- AFOBT:** Single button transmitter.
- AFOBT2:** Double button transmitter.
- AHHT:** Single button handheld transmitter.
- AHHT2:** Double button handheld transmitter.

UNIVERSAL PROXIMITY CARDS AND FOBS
26-BIT PASSIVE AND ACTIVE CARDS



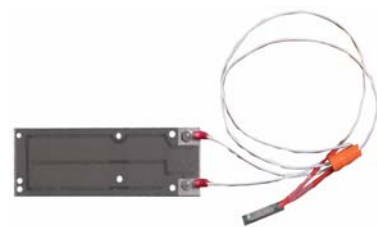
- PASSIVE CARDS**
- UCLAM** - Approximate 2 inch read range
 - UIISO** - Approximate 2 inch read range
 - UFOB** - Approximate 2 inch read range

UCRM
RS-485 UNIVERSALSATELLITE CONTROLLER MODULE



- Accessory to Quantum, AeGIS 9000, or AeGIS NPB9000 via RS-485.
- 26-BIT Wiegand Input compatible with UWCR or HID Reader
- Single Relay
- Brushed stainless steel face plate, surface mount, indoor or outdoor use.

AHP5
HEATER PAD



- Protect the AeGIS system Liquid Crystal Displays (LCD) from cold temperature.
- Easy to install.
- Built-in thermostat.

UVPC • QVPC
AeGIS AND QUANTUM COLOR VIDEO PACKAGE



- Use for all AeGIS and Quantum Systems where visual confirmation or CCTV surveillance is required.
- Camera mounted in protective housing.
- Pin hole size view from the system.

URFANT
EXTENDED ANTENNA FOR ARFR AND AWDRT



- Extend the transmit distance on ARFR and AWDRT up to 1200 feet.
- Compatible with new style of ARFR and AWDRT with on board input jack.

UVPB
VIDEO BALUN



- Quick and low cost way to connect CCTV cameras to a monitor, multiplexer, or video recorder.
- Up to 1,950 feet for black and white camera and 1300 feet for color camera.
- Must purchase a pair.

UXIT
EXIT SWITCH



- Use as exit switch in addition to our Quantum and AeGIS systems
- Lighted button
- Standard single gang plate size

UBAT1
BACKUP BATTERY



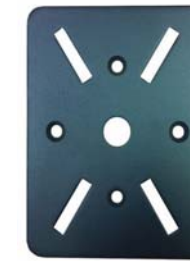
- Battery back-up for all systems to keep systems in operation during power failures
- Keep system in operation up to nine hours.

ARIGB
ROUGH IN GANG BOX



- To mount AeGIS Telephone Entry Systems on the Pedestal Mounting Post
- 12-gauge cold rolled steel with triple coated rust proof enamel finish
- [ARIGB7](#) for AeGIS 7000 Series
- [ARIGB8](#) for AeGIS 8000 Series
- [ARIGB9](#) for AeGIS 9000 Series

UAP
UNIVERSAL ADAPTER PLATE



- [UAP64](#) for AeGIS 4000 Series
- [UAP78](#) for AeGIS 7000 and 8000 Series
- [UAP09](#) for AeGIS 9000 Series

UPM2 • UPM5
DUAL ARM PEDESTAL MOUNT POSTS



- Universal pedestal mount posts with dual horizontal or vertical arms for Auto, SUV, RV, and Truck/Bus installations
 - Mount AeGIS and Quantum Telephone Entry Systems (UAP may be required); Gang Box (UPMGB, UPMGBL, UPMGBS), and various other manufacturer products.
 - 11-gauge Cold Rolled Steel with Triple Coat Rust Proof Enamel Finish.
- Dimensions
- UPM2 84" H, 8"x8" Base with Cover Plate
 - UPM5 47" H, 8"x8" Base with Cover Plate

UPM1S • UPM4S
AUTO AND PEDESTRIAN PEDESTAL MOUNT POST



- Universal pedestal mount post standard for multi-applications and various manufacturer's products
 - Mount AeGIS and Quantum Telephone Entry Systems (UAP may be required)
 - Mount Pach and Co. Gang Box (UPMGB and UPMGBL)
 - 11-gauge Cold Rolled Steel with Triple Coat Rust Proof Enamel Finish.
- Dimensions
- UPM1S 42" H, 5"x5" Base with Cover Plate
 - UPM4S 47" H, 5"x5" Base with Cover Plate

UPM1L • UPM6L • UPM8L
AUTO AND PEDESTRIAN PEDESTAL MOUNT POST



- Universal pedestal mount post large for multi-applications and various manufacturer's products
 - Mount AeGIS and Quantum Telephone Entry Systems (UAP may be required)
 - Mount Pach and Co. Gang Box (UPMGB and UPMGBL)
 - 11-gauge Cold Rolled Steel with Triple Coat Rust Proof Enamel Finish.
- Dimensions
- UPM1L 47" Ht., 8"x8" Base with Cover Plate
 - UPM6L 64" Ht., 8"x8" Base with Cover Plate
 - UPM8L 84" Ht., 8"x8" Base with Cover Plate

UPM12E
PEDESTAL MOUNT POST EXTENSION ARM



- Universal 12" Extension Arm for all pedestal mount posts.
- 4x4 Connector Plate with nuts and bolts.
- 11-gauge Cold Rolled Steel with Triple Coated Rust Proof Enamel Finish