

ACCESS CONTROL SYSTEMS ACCESSORIES



 **Pach and Company**
SINCE 1973

1-888-678-7224

AeGIS Accessories

26-BIT WIEGAND CARD READER



FEATURES

- Interface with AeGIS 9000 Series (installed inside or outside the system). * Use AMPGB if mount outside the AeGIS 9000 Series.
- 4-wire connection
- Weather-resistant housing for mounting outdoors.

SPECIFICATIONS

Power Input: 5.0 - 18 VDC Regulated (5 VDC is supplied by the AeGIS 9000 Series).
Current Consumption: 40 mA @ 5.0 - 12.0 VDC.
Dimension: 5.0" x 1.6" x 1.0"
Transmit Frequency: 125 KHz
Output Data: Data 0 and Data 1 standard Wiegand electrical and protocol interface.
Operating Environment: -22°F to +155°F Humidity 0-95% non-condensing.
Cable Distance: 500 feet maximum.
Mount: Outdoor or Indoor.
Shipping Weight: 2.0 Lbs approximate.

Enclosure: Slim weatherized housing, mounts on metal or other surface without regard to read performance.

ORDER PART NUMBER

AWCR 26-Bit Wiegand Card Reader.

ACLAM Clam Shell 26 Bit Wiegand Card.

AISO ISO 26 Bit Wiegand Card (credit card size)

AFOB 26-Bit Wiegand Key Fob

26-BIT WIEGAND RADIO READER



FEATURES

- Wiegand Output Radio Reader supports 26-bit data formats
- Interface with AeGIS 9000 Series (installed inside (no housing) or outside the system with the housing as shown).
- Up to 500 feet radius range coverage.
- Easy connection like card reader; transmitters are added like cards.
- Facility Code is set in the receiver.
- Weather-resistant housing for mounting outside the AeGIS 9000 Series.

SPECIFICATIONS

Power Input: 5.0 - 24 VDC Regulated (5 VDC is supplied by the AeGIS 9000 Series).
Current Consumption: 30 mA operating.
Radio Frequency: 318 Mhz
Bandwidth: 300 KHz **Image Rejection:** 40 dB
LO Reradiation: 200 microVolt/meter @ 3 meters (maximum)
Data Format: MegaCode
Sensitivity: -100dBm minimum
Desensitivity: 20 dB manual attenuation at the antenna input
Antenna: 9-1/2 in whip antenna with F-connector (supplied).
Output Data: Data 0 and Data 1 standard Wiegand electrical and protocol interface.

Operating Environment: -22°F to +155°F

Enclosure Construction: Weather-resistant, anodized aluminum enclosure with removable end caps to provide wiring and programming access; end caps secured with screws.

Mount: Inside the AeGIS 9000 Series or Outside.

Shipping Weight: 3.0 Lbs. approximate.

ORDER PART NUMBER

AWRR 26-Bit Wiegand Radio Reader.

AHHT Handheld Transmitter

AFOBT Keyfob Transmitter.

RADIO FREQUENCY RECEIVER



FEATURES

- As an option for AeGIS 4000, 7000 Series, 8000 Series and 2500NC series. Power directly from the system.
- Up to 659 ft open air range.
- Up to 68 billion codes.
- Receiver learns up to 15 transmitter through easy programming.
- Key chain ring included.

SPECIFICATIONS

Power Input: 11 - 24 VAC/DC.

Current Consumption: 8 mA.

Operating Frequency: 315 Mhz

Form C relay output Normally Open/Normally Close, 4 output modes 1 sec, 4 sec momentary, toggle and latch.

Dimension: Receiver 3.25" x 2.7" x 1.1"

Transmitter 2" x 1.5" x 0.59"

Mount: Indoor or inside the AeGIS system.

ORDER PART NUMBER

ARFR Radio Frequency Receiver.

ARFT Radio Frequency Transmitter.

SATELLITE KEYPAD



FEATURES

- Interface with the AeGIS 9000 Series or NPB 9000 Series via an RS-485 (2-wire connection).
- Allows access to tenants or visitors via a 4-digit access code programmed on the AeGIS 9000 Series or NPB9000 Series.
- Distinctive audible tone for valid and invalid code.
- Up to 32 of Satellite Keypad (SK9) can be interfaced with the AeGIS 9000 Series or NPB 9000 Series.
- Built-in night light.

SPECIFICATIONS

Power Input: 12 VAC/DC 40VA UL Listed Transformer (12 VAC is supplied by Pach & Company). Output voltage must be reading 13.5 - 14.5 V if 12 VDC power supply is used.

Current Consumption: 72 mA Idle, 144 mA operation.

Emergency Battery: 12 VDC, 4 Ahr rechargeable (customer supplied).

Communication: RS-485 (maximum distance not exceeded 4000 Ft.)

Operating Environment: 0° F to +140° F. Relative Humidity 0% to 95%.

Relay Output: Form C Dry Contact 120 VAC 10A/ 24 VDC 10 A/ 250 VAC 7A with 5 seconds output duration.

Mounting: Surface, Indoor or outdoor (accessories **APM1, APM2 or APM3**).

Construction: 16 Gauge Cold Rolled Steel with Brushed Stainless Steel Faceplate.

Dimension: 6 3/4" (H) x 5 3/4" (W), Depth 3 1/2" (top) to 2 1/2" (bottom).

Shipping Weight: 4 Lbs.

ORDER PART NUMBER: SK9

VACUUM FLUORESCENT DISPLAY



FEATURES

- Use in any AeGIS 9000 Series Telephone Entry Access System.

SPECIFICATIONS

2 x 16, 9 mm Vacuum Fluorescent Display.

Operating Temperature: 32°F to 140 °F or 0 °C to 85 °C.

ORDER PART NUMBER

9VFD

VIDEO PACKAGE



Synchronizing system: Internal.

Video Output: 1 V_{p-p}, 75 Ohm composite

Electronic Iris (Auto): 1/50, 1/60-1/100,000 sec.

White Balance: Auto. 2800 °K - 8200 °K

MTBF: 80,000 hours.

BLACK AND WHITE

Imager: 1/3" B/W CCD

Horizontal Resolution: 420 TV Lines

Synchronizing system: Internal.

Video Output: 1 V_{p-p}, 75 Ohm composite

Electronic Iris (Auto): 1/50, 1/60-1/100,000 sec.

Gain Control: Automatic

Lens: f=3.6 (92 °), f=3.7 (90 °)

ORDER PART NUMBER

AVP4 Black & White Camera for AeGIS 4000.

AVP4C Color Camera for AeGIS 4000.

AVP7 Black & White Camera for AeGIS 7000 Series.

AVP7C Color Camera For AeGIS 7000 Series.

FEATURES

- Use with any AeGIS Series where "Visual Confirmation" or "CCTV Surveillance" is required. Factory labor installation at "No extra charge" or Field Retrofittable.
- Camera mounted in protective housing.
- Pin-hole size view from the AeGIS panel.
- Available in color or black and white.

SPECIFICATIONS

Power Input: 9.0 VDC Regulated (supplied).

Current Consumption: 90 mA (color), 100 mA (B/W).

Operating Temperature: 14 ° F to 140 ° F

COLOR

Imager: 1/4" DSP Color CCD

Picture Element (pixels): N:290K P:320K

Horizontal Resolution: 380 TV Lines

Minimum Illumination: 0.5 Lux at F2.0.

Scanning System: 2:1 interlaced

S/N Ratio (AGC off): More than 48dB

Gamma Correction: r=0.45

Gain Control: Auto. 4dB-30dB

Lens: f=3.6 (78 °), f=3.7 (70 °)

Picture Element (pixels): EIA:290k CCIR:320k

Minimum Illumination: 0.05 Lux at F2.0

Scanning System: 2:1 interlaced

S/N Ratio (AGC off): More than 50dB

Gamma Correction: r=0.45

MTBF: 80,000 hours.

AVP8 Black & White Camera for AeGIS 8000 Series.

AVP8C Color Camera for AeGIS 8000 Series.

AVP9 Black & White Camera for AeGIS 9000 Series.

AVP9C Color Camera for AeGIS 9000 Series.

PAPER DIRECTORY



FEATURES

- Built-in night light.
- Enhancement to the electronic directory for all AeGIS series.

SPECIFICATIONS

Power Input: 12VAC/DC 20VA UL Listed Transformer (supplied).

Current Consumption: 570 mA operating.

Emergency Battery: 12 VDC 4Ahr battery with charging power supply (not supplied)

Directory: 8-1/2" X 11" Paper Directory with built-in night light.

Construction: 16 Gauge Cold Rolled Steel back box with black enamel and Brushed Stainless Steel Faceplate with clear lexan window.

Dimensions: 15"(H)x 14"(W) x 1-9/16"(D)

Mount: Surface. Outdoor or Indoor.

Shipping Weight: 10 Lbs.

ORDER PART NUMBER

100DIR

SURGE PROTECTOR



FEATURES

- Protect all AeGIS Series from surges and lightning on the power line and telephone line.
- Our two years warranty will include lightning and power surge if ASP1 is installed.

SPECIFICATIONS

115VAC-125VAC Grounded outlet.

Maximum Energy Dissipation: 688 Joules. H-N Line: 176 Joules/H-G Line: 176 Joules/N-G Line: 176 Joules.

Phone Line: 160 Joules.

Electrical Rating: 125V, 15A, 60Hz, 1875 Watts Continuous Duty.

Response Time: <1 Nanosecond.

Maximum Spike Current: 39,000 Amp H-N Line: 13,000 Amps/H-G Line: 13,000 Amps/N-G Line: 13,000 Amps.

EMI/RFI Filtration: Noise Reduction: 150kHz to 100MHz.

Attenuation: Up to 43 dB.

UL 1449 330 V Suppressed Voltage.

Shipping Weight: 1 Lbs.

ORDER PART NUMBER

ASP1

HEATER PAD



FEATURES

- Uses in any AeGIS model where the ambient temperature is below 32 ° F.
- Factory Installed " **NO EXTRA CHARGE**" at time of AeGIS System ordering or Field Retrofittable.
- Uses existing system power.

SPECIFICATIONS

Power: 12 VAC/DC 10 watts

Thermostat: 55 ° F (turn on if the ambient temperature is below 55 ° F).

Dimensions (HWD): 5-1/2"(W) x 1-1/2"(H)

Shipping Weight: 1 Lbs or 0.45 Kg.

ORDER PART NUMBER

AHP5

MOUNTING RING



FEATURES

- Full-flush installation for AeGIS 7000, NPB 7000 and 8000 Series or semi-flush installation for AeGIS 9000 or NPB 9000 Series.

SPECIFICATIONS

Construction: Soft aluminum faceplate.

Shipping Weight: 4.0 - 6.0 lbs.

Dimension:

FFM7, FFM8, FM7BZ and FM8BZ
11-1/8"(H) x 8-11/16"(W) x 2-5/8"(D) (Inside).

14-5/16"(H) x 12-1/8"(W) (Outside)

SFM9 and SFM9BZ

13-1/2"(H) x 11-1/4"(W) x 2-3/4"(D) (Inside)

17-1/2"(H) x 15-1/4"(W) (Outside)

ORDER PART NUMBER

Brushed Stainless Steel

FFM7 Full-flush ring for AeGIS 7000 or NPB 7000 Series.

FFM8 Full-flush ring for AeGIS 8000 Series.

SFM9 Semi-flush ring for AeGIS 9000 or NPB 9000 Series.

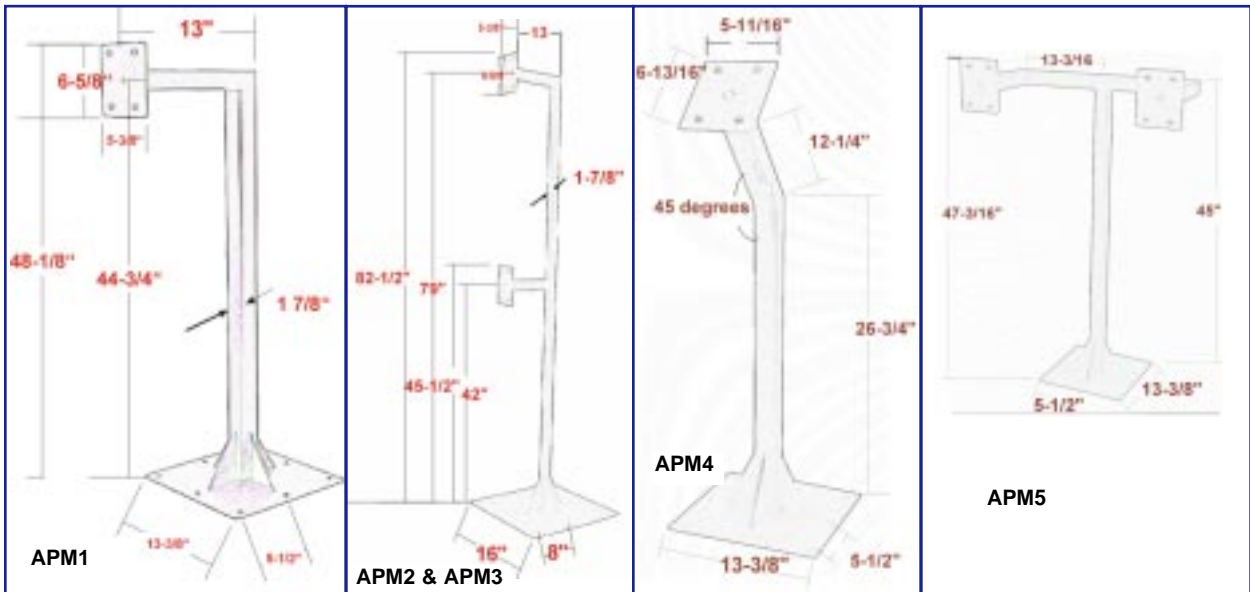
Brushed Brass Plated

FM7BZ Brushed brass plated Full-flush ring for AeGIS 7000 or NPB 7000 Series.

FM8BZ Full-flush ring for AeGIS 8000 Series.

SFM9BZ Semi-flush ring for AeGIS 9000 or NPB 9000 Series.

PEDESTAL MOUNTING POST



FEATURES

- Mounting any AeGIS Telephone Entry Access Systems. Adapter Plate may be required for certain models.
- Mounting Pach and Company Universal Gang Box (APMGB).
- Mounting other manufacturer's card reader boxes, keypads, control panels, etc..

SPECIFICATIONS

Dimension:

See diagram. The dimensions for APM3 is the same as APM2, except the APM3 has no lower arm.

Construction:

12-gauge Cold Rolled Steel with Triple Coated Rust Proof Enamel Finish.

Shipping Weight:

APM1: 16 lbs. **APM2:** 65 lbs. **APM3:** 60 lbs. **APM4:** 16 lbs. **APM5:** 25 lbs.

ORDER PART NUMBER

APM1 a single arm mounting base plate for auto and pedestrian.

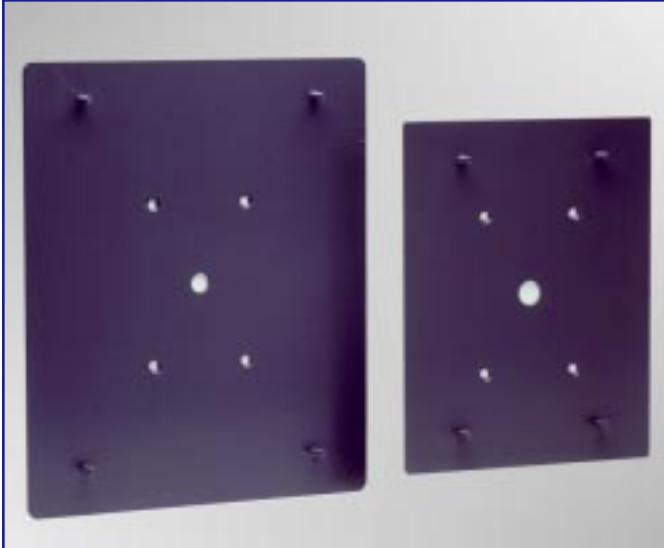
APM2 double arm mounting base plate for auto, pedestrian and semi-truck.

APM3 a single arm mounting base for semi-truck.

APM4 Pedestal Mounting Post with 45° arm.

APM5 Double arm side by side mounting base plate.

ADAPTER PLATE



FEATURES

- Use to mount AeGIS 7000, 8000, 900 and 2500NC on APM1, APM2, APM3, APM4 and APM5

SPECIFICATIONS

Construction: 12 gauge cold rolled steel with triple coated rust proof enamel finish.

Dimensions:

AP7, AP8 and AP25: 10-3/4"(H x)8-1/2"(H)

AP9: 13-1/2"(H) x 11-1/4"(W)

Shipping Weight: 5 Lbs.

ORDER PART NUMBER

AP7 Adapter Mounting Plate for AeGIS 7000 Series.

AP8 Adapter Mounting Plate for AeGIS 8000 Series.

AP25 Adapter Mounting Plate for AeGIS 2500NC Series.

AP9 Adapter Mounting Plate for AeGIS 9000 Series.

UNIVERSAL GANG BOX



FEATURES

- Use to mount the AWCR (26 Wiegand Card Reader) or other manufacture's equipment such keypad and card reader.
- Design to mount into the APM1, APM2, APM3, APM4 and APM5.

SPECIFICATIONS

Construction: Soft aluminum faceplate. 22 gauge cold rolled steel weatherized back box.

Dimension: 10"(H) x 10"(W) x 5"(D).

Shipping Weight: 4.5 lbs.

ORDER PART NUMBER

APMGB

BACKUP BATTERY



FEATURES

- Backup battery designed specifically for all AeGIS Series.

SPECIFICATIONS

ABAT1 12 VDC/4.5 Ahr. (**Dimension:** 3.98" (H) x 3.54"(W) x 2.75"(D), **Weight:** 5 lbs.)

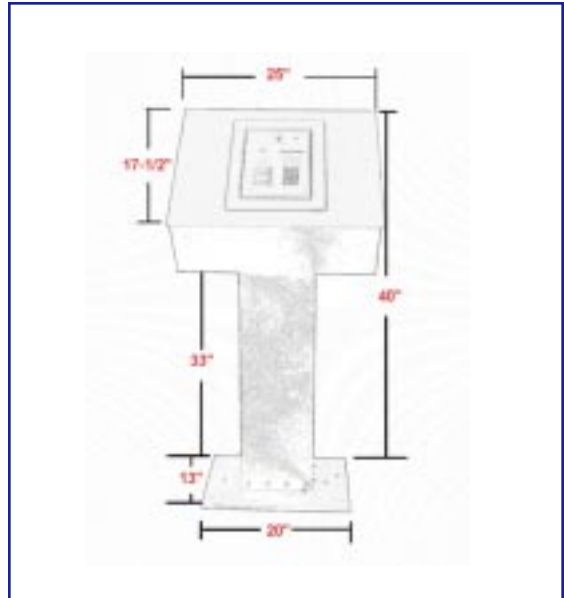
ABAT2 12 VDC/1.30Ahr. (**Dimension:** 2.01"(H) x 3.82"(W) x 1.69" (D), **Weight:** 1.39 lbs.).

ORDER PART NUMBER

ABAT1

ABAT2

MAIN LOBBY PODIUM



FEATURES

- Light weight AeGIS Series podium for main lobby panel (AeGIS 7000FF, 8000FF and 9000 Series).

SPECIFICATIONS

Construction: 16 gauge cold rolled steel with flat black enamel.

Shipping Weight: 55 lbs. approximate.

ORDER PART NUMBER

APOD7 Main Lobby Podium for AeGIS 7000FF Series.

APOD8 Main Lobby Podium for AeGIS 8000FF Series.

APOD9 Main Lobby Podium for AeGIS 9000 Series

All Specifications subject to change without prior notice

WARRANTY

Pach and Company Access Control Systems are guaranteed against defects in parts and labor for a period of two (2) years from the date of purchase provided all **conditions of warranty** are met. Pach and Company will include lightning and power surge in our two years warranty if Pach and Company Surge Protector (ASP1) is installed with the system(s).

Pach and Company will provide an advance replacement for under warranty defect product(s).

Pach and Company will not responsible for labor to uninstall and reinstall the equipment(s).

Pach and Company will not be responsible for all transportation and insurance charges returning the defective product(s) for repair. Pach and Company will be responsible for transportation and insurance to return the warranty products after being repaired.

CONDITIONS OF WARRANTY

- The serial number on the printed circuit board must match the serial number on the cabinet.
- The system's failure is not caused by vandalism, improper installation, misuse or abuse.
- Physically damaged product is not acceptable for repair or exchange within or within or after warranty.
- If for some reason your system(s) cannot be repaired, Pach and Company will replace it with an identical product of equal value.
- The warranty will be void and null if the product(s) has been modified or repaired by unauthorized party without obtaining an autohorization of Pach and Company Technical Department.

RETURNS

Product(s) return must be accompanied by a return material authorization number (RMA) obtained through Pach and Company Technical Department at 1-888-678-7224.



PACH AND COMPANY

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