

Praetorian Guard

IP Video Intercom



Long Range Antenna * (2.4GHz)
(up to 65 yards working range depending on router type and location)

Existing Wi-Fi Hub

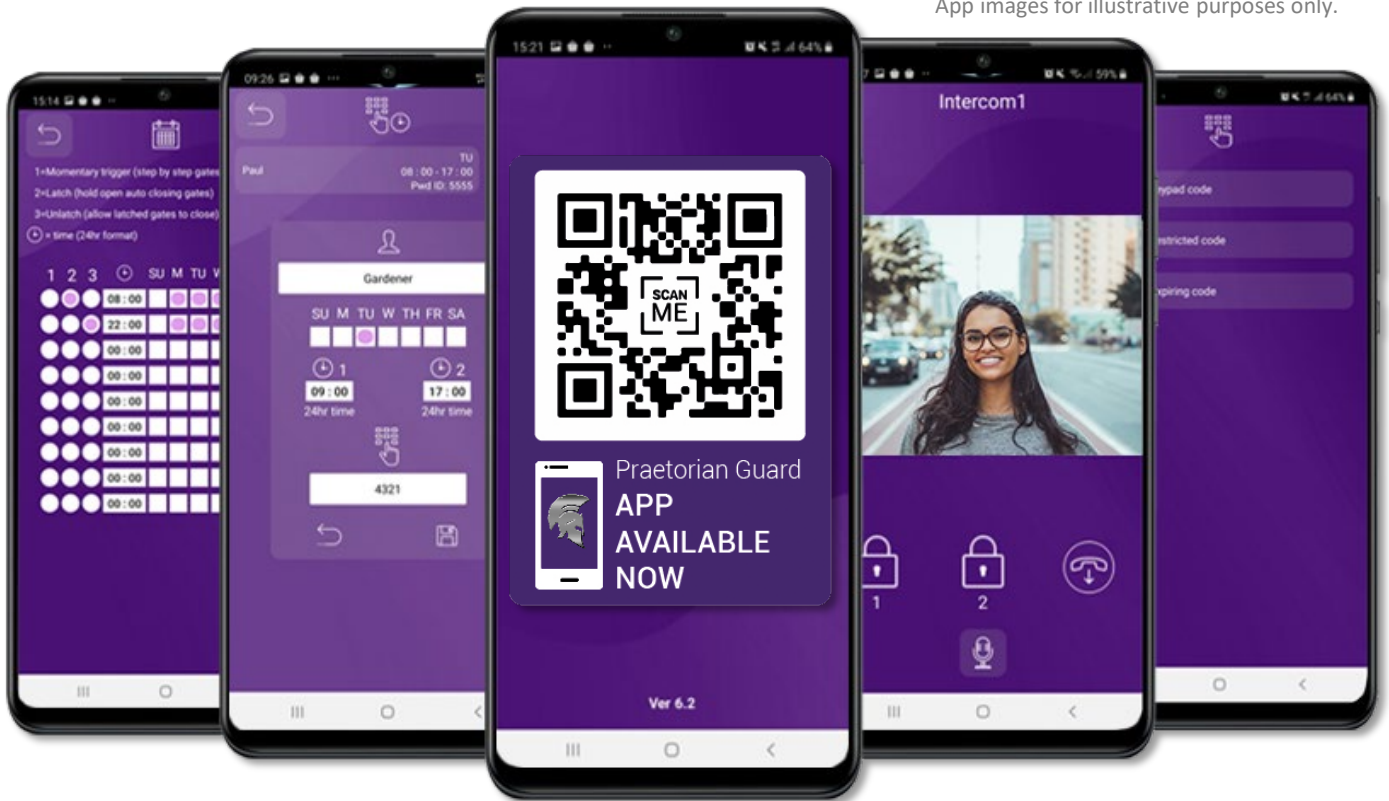
New Praetorian APP

- **Speak to your visitors from anywhere in the world.**
- Grant access remotely - Send a command to the gate motor via the app to open your gates etc.
- Keypad Codes – 24-7 / Timed / Temporary (Optional)
- No Touch Access - PROX Cards/ Tags - 24-7 / Timed / Temporary (Optional)
- Voicemail - Visitors can leave a video messages when unanswered.
- Multi-User - Add up to 8 maximum devices per Intercom ID. (incl ADMIN user. 4 maximum for optimal performance.)
- Connect via WiFi, LAN Cable or 4G Access Point (Sold Separately) (Dualband WIFI. 2.4 & 5.8G wifi (802.11 b/g/n/a/c)
- Coin Cell Battery to retain important system settings while a device is off. E.g. date-stamp.
- Volume of external speaker adjustable at the call-point.

*** 2.4GHz Antenna Incl, 5.8GHz available to purchase separately.**

Installer / User App

App images for illustrative purposes only.



Events log for Keypad codes, Calls, Voicemails, Prox ID's, (past 100)



7-day schedule for auto relay opening.



Notifications - Motion Sensor is Triggered or Gates opened / closed via app, keypad or PROX.



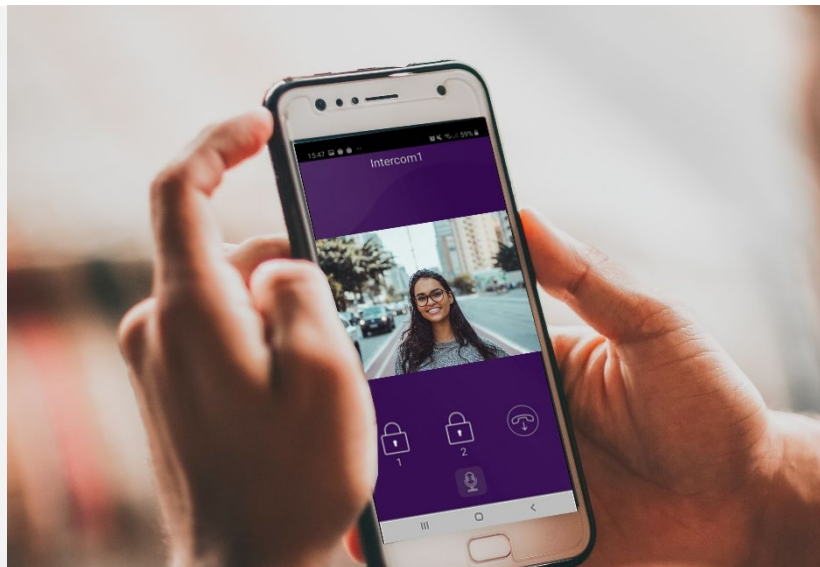
Sync device time to device.



Prox & Keypad codes added via App.

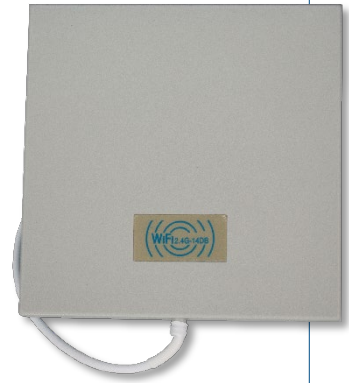


View your camera in full screen mode.





High gain Wi-Fi antenna
60 degree transmission to concentrate & extend range. Weatherproof for outdoor use.



2.4GHz Directional Antenna with 2m RG174 cable with SMA male connector.



GENERAL

| | |
|--|--|
| Front Panel | <p>Portrait Orientation AB/ABK = 3mm Acrylic on Architectural Design Marine Grade Stainless Steel BS316 Front Plate. AS/ASK = 3mm Marine Grade Stainless Steel BS316 on Architectural Design Marine Grade Stainless Steel BS316 Front Plate. FS/FSK = Flush Design Marine Grade Stainless Steel BS316 Front Plate. IMP/IMPK = 3mm Acrylic on Imperial Design Marine Grade Stainless Steel BS316 Front Plate. Modular = Powder Coated Marine Grade Stainless Steel BS316 Front Plates with 3mm Acrylic on Design Marine Grade, Stainless Steel BS316 Modular Plates. Landscape Orientation PED = Pedestal Surface Mount</p> |
| Hood Cover (MOD, IMP(K), PED versions) | Powder coated Aluminium |
| Mounting Housing (Backbox) | Marine Grade Stainless Steel BS316 |
| Mounting Type | Surface-Mounted with backlighting, Flush-mounted version sold separately |
| Call Button | Stainless-steel button with illuminated LED Ring |
| Weatherproof | IP55 |
| Approvals | CE, FCC |
| Dimensions | See Overview of Call Points |
| Operating Temp. | -25 to +55°C / -13 to 131°F |
| Power Supply | 24V DC |
| Power Consumption | <p>IP PCB w/Keypad & Prox Standby = 80mA Operating = 300mA</p> |
| Solar Power | 45Watt Solar Panel (minimum) 2x 12V 15AH Batteries connected in series to provide 24V output |
| Connectors | LAN (RJ45) 2 x Bistable latching relay, max. 1-28V DC/AC, 1A, e.g. for magnetic door lock External input for push to exit button 24V DC input (+, -) |
| System Requirements | Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fibre optic, no socks or proxy server. Min. suggested upload speed of 1.5Mbps, Network: Ethernet Network, with DHCP / WIFI 2.4GHz/5.8GHz (with applicable antenna) |
| Recommended Installation Height | Camera lens should be at a min. height of 145 cm (57 in). Before the installation please determine your optimal installation height. |
| Warranty | See www.aesglobalonline.com/warranty |

THIRD-PARTY INTEGRATIONS

| | |
|----------|-------------------|
| Partners | N/A - Coming Soon |
| API | N/A - Coming Soon |

KEYPAD MODULE

| | |
|-----------------------|---|
| Power Supply | 24V DC |
| Steel Keypad Module | 12 Square Silicon Keys Blue illumination Keypad Codes configurable via App, Slave connection to allow up to an additional 8 slave devices |
| Silicon Keypad Module | 12 Round Silicon Keys Blue illumination Keypad Codes configurable via App, Slave connection to allow up to an additional 8 slave devices |

VIDEO

| | |
|--------------------|---|
| Camera | HD 720p, dynamic (VGA – HD) |
| Lens | 120° (D), 109° (H), 65° (V) IR-capable |
| Display Resolution | Switchable in the app by the Admin user. HD resolution: 1280*720 SD resolution: 640*480 |
| Video Codec | H264 |
| Night-Vision | Yes, light sensor, automatic IR-cut filter, 5 Infrared LEDs |
| Storage | On-Board Micro SD Card (16GB included) Max read capacity 32GB Estimated capacity based on 16GB: 5,592 Video Clips (3MB) {AVI.} 33,500 images (0.5MB) {JPG} Supports Hot Swapping. Auto overwrites oldest data at 80% capacity FAT32 Formatting |

MOTION SENSOR

| | |
|----------------|--|
| Type | Active |
| Detection Type | Digital (Pixel-based) Changes of pixilation. This is processed by the CPU identifying any major/minor changes in pixels that is defined by a predetermined algorithm. |
| Range | >5m, depends on environment, distance is fixed |

AUDIO

| | |
|------------------|--|
| Audio Components | Speaker and microphone, noise reduction and echo cancellation (ANR, AEC) |
| Audio Streaming | Two-way, full duplex & half-duplex (switchable in-app) |
| Audio Codec | PCM/ARAW |

NETWORK

| | |
|---------------------|--|
| WiFi | IEEE 802.11a/b/g/n/ac |
| WiFi Security | WPA / WPA2 / WPA3 |
| Frequency Range | 2.4GHz-2.4385GHz; 5.15GHz-5.845GHz |
| Ethernet | IEEE 802.3 |
| Supported Protocols | HTTP, HTTPS, SSL/TLS, Bonjour, DNS, RTSP, RTP, TCP, UDP, RTCP, ICMP, DHCP, ARP |

PRAE-IP-PED

(Kit includes speech panel, antenna, power supply and install manual)



Pedestal mountable & modern blue illuminated button. Marine grade, brushed stainless steel construction with gloss acrylic trim and powder coated aluminium hood.
PROX panel available PRAE-IP-PED-PX.

PRAE-IP-PED-KP

(Kit includes speech panel, antenna, power supply and install manual)



Pedestal mountable & modern blue illuminated keypad buttons. Keypad includes 3 relays, 1200 codes, with latching & momentary operation & more. Marine grade, brushed stainless steel construction with gloss acrylic trim and powder coated aluminium hood.
PROX panel available PRAE-IP-PED-PX-KP.

European panel Option

PRAE-IP-ABK

(Kit includes speech panel, antenna, power supply and install manual)



Keypad includes 3 relays, 1200 codes, with latching & momentary operation & more. Modern blue back lighting effect. Marine grade, brushed stainless steel construction with gloss acrylic trim.
PROX panel available PRAE-IP-PX-ABK.

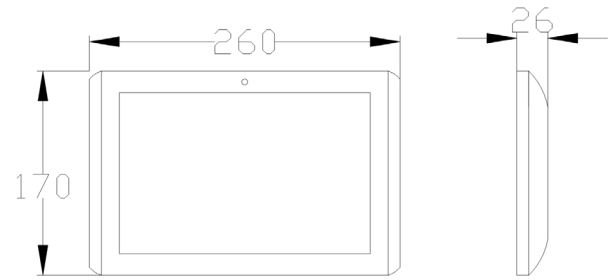
Flush Mount Option

PRAE-IP-FBK

(Kit includes speech panel, antenna, power supply and install manual)



Keypad includes 3 relays, 1200 codes, with latching & momentary operation & more. **Flush** with modern blue lighting (Keypad & buttons). Marine grade, brushed stainless steel construction with gloss acrylic trim.
PROX panel available PRAE-IP-PX-FBK.

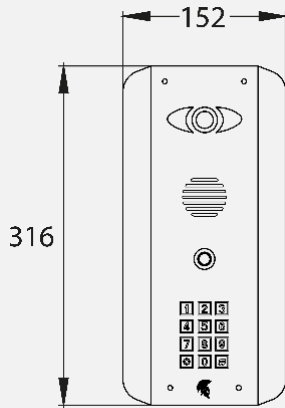


MON-11

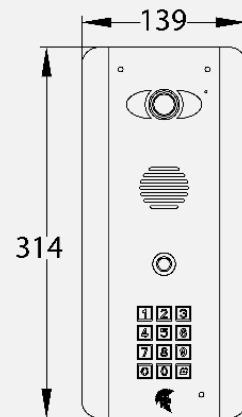
- Wall mount touch screen monitor (1280x800 Resolution), compatible with the **Praetorian system**.
- 10.1 inch screen IPS LCD android screen.
- Wifi, Ethernet & Bluetooth connections.
- POE supplied (12V DC can be purchased separately)
- Complete with both wall mount bracket and desk stand.
- Android OS (8.1) with Praetorian app pre-loaded.
- RK3288, Quad-core cortex A17, 1.6G.

Call Panel Dimensions

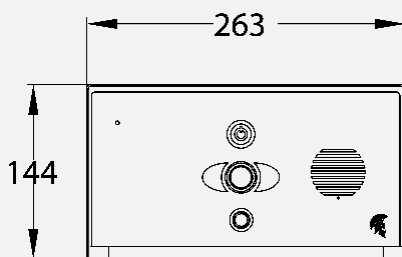
PRAE-IP-ABK Call Panel



PRAE-IP-FBK Call Panel (Flush)



PRAE-IP-PED



PRAE-IP-KP-PED

