

VIKING PRODUCT MANUAL

SECURITY & COMMUNICATION SOLUTIONS

X-205 Series

Compact IP Phones with HD Video

September 27, 2019

Compact SIP IP Phones with HD Video

The **X-205** Series of VoIP HD Video Surface Mount Entry Phones are designed to provide HD video and reliable handsfree voice communication for SIP VoIP phone systems and service providers. The **X-205**'s built-in IP video camera has H.264 video compression, low light sensitivity, a wide viewing angle of 126 degrees, and can output dual video streams of up to 1080p resolution. The **X-205** entry phones can dial up to 5 programmable numbers and be programmed remotely via its built-in Web GUI. On-board 2 Amp relay contacts are provided for activating door strikes or gate controllers. An optional Viking **RC-4A** Secure Relay Controller can also be used.

The **X-205** entry phones will flash the blue LED during dialing and automatically light the LED when the call is answered. All units are PoE class 2 powered. For outdoor installations where the unit is exposed to precipitation or condensation, the **X-205** entry phones are available with Enhanced Weather Protection (EWP). EWP products are designed to meet IP66 ingress protection and feature foam rubber gaskets, sealed connections, gel-filled butt connectors, as well as urethane or thermal plastic potted circuit boards. For more information, see DOD 859.

⚠ Installation requires the assistance of a Network Administrator / IT Technician.



X-205-SS
Brushed Stainless Steel

Other Optional Finishes

X-205-BN
Oil-Rubbed Bronze
Powder Painted
Stainless Steel

X-205-BK
Textured Black
Powder Painted
Stainless Steel

Features

- SIP compliant (see compatible IP-PBX Phone Systems / Service Providers)
- Multicast paging compatible
- ONVIF Profile S compliant
- 126° wide viewing angle
- H.264 and MJPEG video compression
- Dual-Stream HD video allowing for up to two 1080p video streams
- Selectable video resolutions: 352 x 288, 704 x 526, 720p and 1080p
- Remotely programmable via Web GUI
- Gigabit Ethernet for up to 1000 Mbps
- 2 Amp relay contacts for door/gate or optional **SL-2** strobe light (DOD 242)
- Blue backlit 316 stainless steel push button switch
- PoE powered (class 2, < 6.5 Watts)
- Automatic Noise Canceling (ANC) feature for proper operation in noisy environments
- Network downloadable firmware
- T-10 Torx security screws for added security
- Can be used with optional **RC-4A** Secure Relay Controller (DOD 582)
- Handsfree operation
- Vandal resistant 316 stainless steel prevents corrosion
- Laser etched graphics on model **X-205-SS**
- Cycles through up to five backup phone numbers on busy or no-answer
- Optional Enhanced Weather Protection (EWP), EWP products are designed to meet IP66 Ingress Protection Rating (DOD 859)
- Extended temperature range: -40° F to 140° F
- Available in 316 Stainless Steel, Textured Black, or Oil-Rubbed Bronze finish
- Volume adjustments for microphone and speaker
- Surface mounts to a standard single gang electrical box or mounts directly to a wall or flat sided post
- Diagnostics for testing microphone, speaker, and relay

Applications

- Front Door
- Gate Entrance
- Parking ramps/lots
- ATM machines
- Medical centers
- Lobbies
- Entryways
- Stadiums
- Convention centers
- Public access areas

www.VikingElectronics.com
Information: 715-386-8861

Specifications

Power: PoE class 2 (< 6.5 Watts)
Maximum Sound Pressure: 90 dB SPL @ 1m
Dimensions: 5.75" x 3.0" x 1.05"
Operating Temperature: -40° F to 140° F (-40° C to 60° C)
Humidity - Standard Products: 5% to 95% non-condensing
Humidity - EWP Products: Up to 100%
Video Codecs: H.264 and MJPEG
Audio Codecs: G711u, G711a, G722
Network Compliance: IEEE 802.3 af PoE, SIP 2.0 RFC3261, 1000BASE-T with auto cross over
Connections: (1) RJ45 100/1000 Base-T, (3) gel-filled butt connectors