



AX-25 Single Gang Keypad

AX25A-CHMC3
AX25S-CHMC3



AX-20 Single Gang

AX20A-CHMC3
AX20S-CHMC3



AX-15 Mullion Keypad

AX15A-CHMC3
AX15S-CHMC3



AX-10 Mullion

AX10A-CHMC3
AX10S-CHMC3

OVERVIEW

WAVELYNX APEX READERS

The Wavelynx APEX Reader is a durable, next-generation RFID suite designed for seamless brand integration and maximum installation robustness. Featuring an IP65+ rating and four versatile form factors, it combines an upgraded NFC chipset with reduced power consumption and enhanced tamper detection.

FEATURES & BENEFITS

Colour

Black

RF Technology

13.56 MHz (NFC), 125 kHz (Prox), Bluetooth BLE 5.3

Remote Firmware Upgrades

Update firmware or change readers configuration remotely through the mobile app

Credential Support

Supported part numbers: COMID-CARD-V1, COMID-FOB-V1, 50L4-NS1094, 60L8-NS1094
All Ethos-supported credentials, including NFC, Prox, and Bluetooth

LEDs

Red/Green/Blue LED light bar at the top (Visual Feedback)

Tamper

Accelerometer-based tamper detection

Autodetect

Seamlessly transition to OSDP after establishing a secure channel with the panel.

Warranty

Lifetime on non-keypad models, 3-year on keypad models

SPECIFICATIONS



Model	AX25A-CHMC3	AX20A-CHMC3	AX15A-CHMC3	AX10A-CHMC3
Form factor	Single Gang	Single Gang	Mullion	Mullion
Current	141 mA	125 mA	101 mA	95 mA
Keypad	✓	✗	✓	✗
125 kHz	✗	✗	✗	✗
13.56 MHz	✓	✓	✓	✓
BLE/NFC	✓	✓	✓	✓

Model	AX25S-CHMC3	AX20S-CHMC3	AX15S-CHMC3	AX10S-CHMC3
Form factor	Single Gang	Single Gang	Mullion	Mullion
Current	141 mA	125 mA	101 mA	95 mA
Keypad	✓	✗	✓	✗
125 kHz	✓	✓	✓	✓
13.56 MHz	✓	✓	✓	✓
BLE/NFC	✓	✓	✓	✓

APEX Summit

Full functionality (Equivalent to Ethos-7WS Reader)
 Prox / 13.56 MHz (Leaf + Wallet) / BLE credentials
 Bluetooth admin support (Configure App)
 Wiegand compatible

APEX Ascent

13.56 MHz (Leaf + Wallet) / BLE credentials
 Bluetooth admin support (Configure App)
 Wiegand compatible

Voltage

5-24 VDC

Temperature Range

-35°C to 66°C (31°F to 150°F) and EN -40°C to 70°C (-40°F to 158°F) and 95% humidity

Read Range

Up to 2" (50.8mm)

Security Level

EAL6+ Secure Element

Dimensions

Mullion (AX-10): 133.4mm L x 46mm W x 18.5mm T
 Mullion with keypad (AX-15): 133.4mm L x 46mm W x 23.5mm T
 Single Gang (AX-20): 133.4mm L x 83.6mm W x 18.5mm T
 Single Gang with keypad (AX-25): 133.4mm L x 83.6mm W x 23.5mm T