

Technical Comparisons	Wavelynx Ethos Readers	Wavelynx APEX Readers
Current	ET10: 105mA (NCS), 145mA (MAX) ET20: 120mA (NCS), 170mA (MAX) ET25: 145mA (NCS), 195mA (MAX) <i>Current at 12V</i>	AX-10 194mA / 95mA / 50mA AX-15 205mA / 101mA / 53mA AX-20 254mA / 125mA / 64mA AX-25 237mA / 141mA / 72mA <i>Current at: 5V / 12V / 24V</i>
Form Factors/Models	Mullion (ET10) Single Gang (ET20) Single Gang Keypad (ET25)	Mullion (AX-10) Mullion Keypad (AX-15) Single Gang (AX-20) Single Gang Keypad (AX-25)
Voltage	5-16 VDC	5-24 VDC
Temperature Range	EN -40C to 70C and 95% humidity	EN -40C to 70C and 93% humidity
Read Range	up to 4"	125 kHz (LF/Prox): up to 4" 13.56 MHz (HF/NFC): up to 2"
Dimensions	ET10: 129.54mm x 43.18mm x 18.034mm ET20: 129.54mm x 82.55mm x 18.034mm ET25: 129.54mm x 82.55mm x 18.034mm	AX-10: 133.4mm x 46mm x 18.5mm AX-15: 133.4mm x 46mm x 23.5mm AX-20: 133.4mm x 83.6mm x 18.5mm AX-25: 133.4mm x 83.6mm x 23.5mm
Security Level	Utilizes EAL6+ Cryptographic Module	EAL6+ Secure Element
Country of Origin	USA	USA
Warranty	Lifetime on non-keypad models, 3-year on keypad models	Lifetime on non-keypad models, 3-year on keypad models
Regulatory Compliance	FCC and IC Certified CE DoC with EN 62368-1:2014 and related EMC/Spectrum tests UL294 OSDP Verified to V2.2 IP55	FCC and IC Certified CE DoC and EN 62368-1:2018 EMC/Spectrum tests UL294 CAN / ULC 60839-II-1 : Outdoor Rating Grade 1 OSDP Verified to V2.2 IP65
RF Technology	13.56 MHz (NFC), 125 kHz (Prox), Bluetooth BLE 4.2+	13.56 MHz (NFC), 125kHz (Prox), Bluetooth BLE 4.2+
Autodetect	Automatically detects if the device is installed in a Wiegand or OSDP infrastructure.	Automatically detects if the device is installed in a Wiegand or OSDP infrastructure.
Remote Upgrades	Update firmware or change reader's configuration remotely through OSDP file transfer	Update firmware or change reader's configuration remotely through OSDP file transfer
Credential Support	NFC, Prox, and Bluetooth	All Ethos-supported credentials, including NFC, Prox, and Bluetooth
LEDs	Red/Green/Blue LED light bar at the top (Visual Feedback)	Red/Green/Blue LED light bar at the top (Visual Feedback)
Tamper	Accelerometer-based tamper detection	Accelerometer-based tamper detection