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Ethos™ Readers

Wavelynx Ethos line of multi-technology access control readers offers a modern aesthetic and a state-of-the-art feature set. Standard technologies include Proximity (125 kHz), Smart (13.56 MHz), NFC, and Bluetooth®, so that customers can set their migration path to secure credentials and ecosystems. All Ethos readers are fully OSDP™ compliant and are currently enabled for Secure Channel and remote firmware upgrades through OSDP Auto-Detect. They communicate OSDP and Wiegand over the same wires to automatically detect and convert to OSDP Secure Channel protocol when the panel is upgraded. This eliminates the need to rewire or reconfigure the reader.

KEY FEATURES

- Multiple technologies in a single reader: Proximity, Smart, NFC & BLE
- OSDP Autodetect
- OSDP Secure Channel and remote firmware upgradability
- MIFARE DESFire® EV2 & EV3 support
- Ethos Wiegand/OSDP readers work with Wavelynx Wallet mobile credentials
- LEAF credential support for security and interoperability
- FSK and ASK legacy proximity credentials support for seamless transitions o Accelerometer-based tamper detection
- Tri-state LED light bar (red, green, amber) and audible beeper
- Accommodates indoor, outdoor installation environments

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TECHNICAL SPECIFICATIONS

Features	Mullion Model ET10	Single Gang Model ET20	Keypad Model ET25
RF Technologies 13.56MHz & Mobile 125 kHz & 13.56MHz & Mobile	**Part Number** ET10-6WS ET10-7WS	**Part Number** ET20-6WS ET20-7WS	**Part Number** ET25-6WS ET25-7WS
Colors	Black (Standard) | Beige | Custom by Request		
Current	105 mA average, 145 mA peak	120 mA average, 170 mA peak	145 mA average, 195 mA peak
Voltage	5-16 V DC		
Temp Range	UL tested -35° to 66°C and EN -40° to 70°C and 95% humidity Environmental Rating and state UL294 Suitable for Outdoor Use		
Read Range	EV2/EV3: 2.2" 125kHz up to 4"	EV2/EV3: 2.5" 125kHz up to 4"	
Dimensions	5.1" x 1.7" x 0.71"	5.1" x 3.25" x 0.71"	
Shipping Dimensions	6" x 3" x 2"	6" x 4" x 2"	
Shipping Weight	7 oz	10 oz	11.3 oz
HS Code	8471.60.9030		
Security Level	Utilizes EAL6+ Cryptographic Module		
Country of Origin	USA		
Warranty		Lifetime	3 Years