

ENTERPRISE & CAMPUS READY

ETHOS™ READERS

Advanced Access Control Readers | Secure Communications



ET10



ET20




ET25

WaveLynx Technologies' Ethos line of multi-technology contactless 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 security ecosystems. All Ethos readers are fully OSDP™ compliant and are currently enabled for Secure Channel and remote firmware upgrades. Additionally, Ethos readers offer a unique patented feature called 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, eliminating the need to rewire or reconfigure the reader.

KEY FEATURES

- Multiple technologies in a single reader: Proximity, Smart, NFC & BLE
- OSDP Auto-Detect
- OSDP Secure Channel and remote firmware upgradability
- MIFARE DESFire® EV1 & EV2 support
- LEAF credential support for secure, open, interoperability
- FSK and ASK legacy proximity credentials support for seamless transitions
- Accelerometer-based tamper detection
- Tri-state LED light bar (red, green, amber) and audible beeper
- Accommodates indoor, outdoor installation environments

TECHNICAL SPECIFICATIONS

			
FEATURES	Mullion Model ET10	Single Gang Model ET20	Keypad Model ET25
RF Technologies			
13.56 MHz	ET10-2	ET20-2	ET25-2
125 kHz & 13.56MHz	ET10-3	ET20-3	ET25-3
13.56MHz & Mobile	ET10-6	ET20-6	ET25-6
125 KHz & 13.56MHz & Mobile	ET10-7	ET20-7	ET25-7
Current	106 mA average, 144 mA peak	118 mA average, 169 mA peak	143 mA average, 193 mA peak
Voltage	5-16 V DC		
Temperature Range	UL™ tested -35° to 66°C and EN -40° to 70°C and 95% humidity		
Read Ranges	EV1: 1.2", EV2: 2.2" 125 kHz up to 4"	EV1: 1.5", EV2: 2.5" 125 kHz 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		
Country of Origin	USA		
Warranty	Lifetime		3 Years

Certifications: FCC, IC, CE, UL 294, EN 302291, EN 301489, EN 300330, EN 50130-4, IP55, BIS IS 13252

Patents: Please visit www.wavelynxtech.com/patents

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Secure. Open. Interoperable.

For more information, visit LEAFIdentity.com