

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 Autodetect
- OSDP Secure Channel and remote firmware upgradability
- MIFARE DESFire® EV1 & EV2 support
- Ethos Wiegand/OSDP readers work with MyPass Mobile Credentials
- 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	Part Number	Part Number	Part Number
13.56 MHz	ET10-WS2	ET20-WS2	ET25-WS2
125 kHz & 13.56MHz	ET10-WS3	ET20-WS3	ET25-WS3
13.56MHz & Mobile	ET10-WS6	ET20-WS6	ET25-WS6
125 KHz & 13.56MHz & Mobile	ET10-WS7	ET20-WS7	ET25-WS7
Color	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		
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		
Security Level	EAL 6+		
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