

ETHOS™ PIV READERS

Readers for PKI Identity Verification (PIV/CIV)

WaveLynx Technologies' line of contactless Ethos PIV Readers offers a modern aesthetic and a state-of-the-art feature set. They are designed for FIPS 201-2 identification validation in programs such as GSA/FICAM. This line of readers is fully compliant with the SIA OSDP™ protocol for validation of PKI based Smart Cards (PIV, PIV-I, CIV, TWIC, CAC).

OSDP Secure Channel functionality provides encryption of communication with the host. OSDP secure file transfer functionality ensures remote upgradability of the readers.

Highly optimized designs require no reader calibration or tuning. The designs provide increased RF power for enhanced read range and shorter transaction times for better user experience.

KEY FEATURES

- Compliant to NIST SP-800-116
- OSDP Compliant to IEC CDV 60839-11-5:2018
- OSDP Secure Channel and remote firmware upgradability
- Supports CHUID identification and forwarding
- Credential verification mode per OSDP specification
- Reads FIPS 201 type of smart cards
- Accelerometer-based tamper detection
- Tri-state LED light bar (red, green, amber) and audible beeper
- Metal wall plate for robust mounting
- Accommodates indoor, outdoor installation environments



Keypad ET25






Single Gang ET20



Mullion ET210

TECHNICAL SPECIFICATIONS

			
FEATURES	Mullion	Single Gang	Keypad
RF Technologies 13.56 MHz 125 kHz & 13.56 MHz	Model ET10-2PS ET10-3PS	Model ET20-2PS ET20-3PS	Model ET25-2PS ET25-3PS
Firmware Revision	Ethos 2.4.1.0 or later with PIV configuration		
Current	106 mA average, 144 mA peak	118 mA average, 169 mA peak	143 mA average, 193 mA peak
Voltage	5-16 V DC		
Electrical Connections Red Black Green White	Power In GND RS485A RS485B		
Temperature Range	UL™ Tested -35° to 66°C and EN -40° to 70°C and 95% humidity		
Dimensions	5.1" x 1.7" x 0.71"	5.1" x 3.25" x 0.71"	
Certifications	FCC, IC, CE, UL, EN302291, EN301489, EN300330, IP55, UL294		

Patents: Please visit www.wavelynxtech.com/patents