ETHOS® PIV READERS

Readers for PKI Identity Verification (PIV/CIV)

This 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 up-gradability of the readers.

Highly optimized designs require no reader calibration or tuning. The designs provide increased RF power for enhanced read range and shorter transac-tion 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	**Model**	**Model**	**Model**
13.56 MHz	ET10-2PS	ET20-2PS	ET25-2PS
125 kHz & 13.56 MHz	ET10-3PS	ET20-3PS	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	Power In		
Black	GND		
Green	RS485A		
White	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		