mesa³®

Smart Card Reader

DESIGNED & ASSEMBLED IN USA

ULTRA RUGGED

POWERFUL. SECURE. INTEGRATED.

Juniper Systems' military-grade CAC/PIV-compatible Smart Card Reader integrates with its Mesa 3 Rugged Tablet to provide the ultimate two-tier authentication solution for data collection in industries with security requirements. Verify employee identities and control access to sensitive information with the Mesa 3 Rugged Tablet with integrated Smart Card Reader functionality.

JUNIPER® SYSTEMS

mesa³
CAC/PIV Reader

Designed and assembled in the United States, the Mesa Rugged Tablet with Smart Card Reader provides its users with the ultimate data collection experience – wherever the job takes them. From its powerful processor to its all-day battery life to its ultra-rugged integrated design, this device claims best-in-class features for anyone requiring a secure mobile data collection solution.

MESA RUGGED TABLET

- Large, 7-inch display for easy viewing
- IllumiView™ technology provides enhanced visibility
- Powerful Windows 10 Pro operating system
- 8- to 10-hour battery life for minimal downtime
- Optional expansion provides additional 4–5 hours
- Operates in extreme temperatures from -4 F to 122 F (-20 C to 50 C)
- IP68 rating—dustproof and waterproof
- Designed to MIL-STD-810G for ultra-ruggedness
- Two-year warranty

SMART CARD READER

- Compact integrated design
- Compatible with CAC/PIV cards
- Compatible with all Mesa 3 accessories (excluding mounting bracket)
- Fully compliant with EMV L1, ISO/IEC 7816
- Card insertion/removal detection with automatic deactivation sequence
- Maximum baud rate up to 600 Kbps
- Supports Synchronous/Asynchronous Protocols T=0 and T=1
- Advanced Encryption Standard (AES) 265 encryption and the Federal Information Processing Standard Publication (FIPS PUB) 140-2 Level 3 hardware encryption module
- Internal Step Up/Down DCDC Converter supporting
    - Class A: 5V +/-8% at 60mA
    - Class B: 3V +/-8% at 60mA
    - Class C: 1.8V +/-8% at 35mA
- Supports USB 2.0
- Supports PC Smart Card industry standard – PC/SC
- Microsoft WHQL certified driver
- ROHS2/REACH Compliant
- Two-year warranty

APPLICATIONS

- Military
- Government
- Law enforcement
- Medical
- Any application with security requirements

JUNIPER® SYSTEMS