

DESIGNED &  
ASSEMBLED  
★ ★ IN ★ ★  
USA



# mesa<sup>3</sup>

Smart Card Reader

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**<sup>®</sup>  
SYSTEMS

### 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) 256 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

