



Spectrum Pro

The Spectrum Pro is a PCI-PTS 4.x and SRED certified hybrid Magstripe and Smart Card insert reader designed for outdoor unattended environments. Meeting the latest requirements of the payment industry, the Spectrum Pro is EMV Level 1 and Level 2 approved, featuring DUKPT key management with TDES or AES encryption algorithms. Moreover, Spectrum Pro's tamper-resistant and SRED certified structure extends the reader's physical security to protect consumers' financial data from being compromised in outdoor and unattended applications.

Spectrum Pro

ELECTRICAL

Interfaces: RS232, USB-HID
Power Requirements (RS232): 5 VDC
Power Requirements (USB): 5 VDC

ENVIRONMENTAL

Operating Temperature: -13°F to 158°F (-25°C to 70°C) non-condensing
Storage Temperature: -40°F to 185°F (-40°C to 85°C) non-condensing
Humidity: Maximum 95% non-condensing

RELIABILITY

Magnetic Head Life: 1,000,000 cycles minimum
Chassis and Bezel: 1,000,000 card cycles minimum
Warranty: One year, parts and labor

MECHANICAL

Dimension (L)x(W)x(H): 6.51 inches (165.3 mm) x 4.0 inches (102.8 mm) x 2.4 inches (60.4 mm)
Media Thickness: 0.76 mm (tolerance +/- 0.08 mm)
Media Formats: ISO 7810 ID-1 card, ISO 7811, ISO 7816, AAMVA Driver License format
Color: Black
Seal Rating: IP 65
Shock Protection: IK10

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