



# SecureHead

The encrypting SecureHead incorporates ID TECH's state of the art TriMag III ASIC, which allows for the electronics to be embedded in the read head. TriMag III not only performs the magnetic stripe data decoding, it also contains a microprocessor that handles encryption and communications for multiple interfaces. The SecureHead's built-in encryption engine supports TDES and AES encryption with DUKPT key management.

# SecureHead

GENERAL	Interfaces: Card Speed:	SPI, USB, UART 3 to 75 ips (7.6 to 190 cm/s)
ELECTRICAL	Power: Current:  ESD:	Operating voltage 3V or 5V $\pm$ 10% Active Power Supply Current: 7 mA Standby Power Supply Current: 5 mA Sleep Power Supply Current: USB sleep 4000 $\mu$ A +4kV discharge to head can
ENVIRONMENTAL	Operating Temperature: Storage Temperature: Humidity:	-4°F to 158°F (-20°C to 70°C) -40°F to 158°F (-40°C to 70°C) Maximum 95% non-condensing
RELIABILITY	Operating Life: Warranty:	1,000,000 cycles minimum One year, parts and labor
MECHANICAL	Dimension (L)x(W)x(H):  Weight:	1.90 inches (48.2 mm) x .48 inches (12.20mm) x .008 inches (.20mm) 6 ft (1.83m) 5.67 grams

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