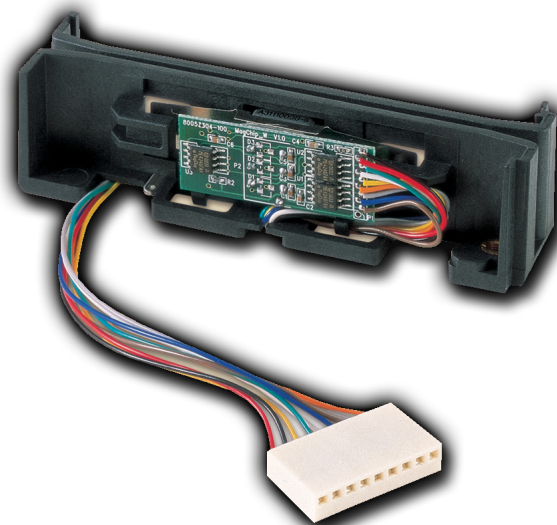


90MM AND SLIMLINE RAIL

CUSTOMIZABLE MAGSTRIPE RAIL

Using ID TECH's low-power Trimag Chip™ technology, the 90mm Rail reads up to three tracks of data with a single swipe in either direction. Its slightly wider package makes it easy to use, with less than one error in 100,000 bits. The MagChip "read" head assembly provides excellent data jitter, media glitch, and drop-out immunity. Molded of rugged ABS plastic, with a stainless steel wear plate, it is warranted for a minimum of 1,000,000 card passes. JIS compatible 90mm readers are also available.



90mm and Slimline Rail SPECS

POWER REQUIREMENTS	Operation from 2.7 to 5.5 VDC, Ground 0 VDC (GND). Chassis Ground connected to GND and magnetic head case. True Automatic Gain Control (AGC) handles signal amplitudes from 1 mV to 1V peak-to-peak.
OPERATING CURRENT	1.1mA per track maximum when reading a card. Less than 30µA when in "sleep" mode (15 µA typically).
COMMUNICATION	SPI, UART, USB
OPERATING TEMPERATURE	-40°F to 158°F (-40°C to 70°C)
STORAGE TEMPERATURE	-40°F to 185°F (-40°C to 85°C)
HUMIDITY	10% to 98% relative humidity, non-condensing
MAGSTRIPE OPERATING LIFE	1,000,000 cycles minimum
RAIL OPERATING LIFE	1,000,000 cycles minimum
READ RATE	Less than one error in 100,000 bits on cards conforming to ISO 7811 1-5
DIMENSION	3.54 inches (90 mm) x 0.94 inches (24 mm) x 0.94 inches (24 mm)
STANDARD DECODING DENSITIES	Tracks 1: 210 BPI Track 2: 75 or 210 BPI Track 3: 210 BPI
SWIPE SPEED	3 to 60 inches per second, bidirectional
CARD THICKNESS	.01 to .045 inches (.25 mm to 1.14 mm)

CONTACT US TODAY!

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