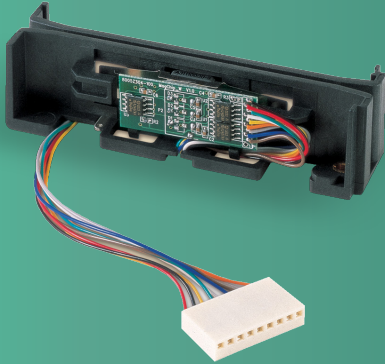




MSR Assemblies

Customizable Magstrip Rail.

Using ID TECH's low-power TriMag Chip™ technology, the 90mm rail reads up to 3 tracks of card data with a single swipe in either direction. Available in single or dual head options.

Key Features

- ✓ Low-power TriMag Chip™ Technology
- ✓ 90mm rail reads up to 3 tracks of data
- ✓ Single or dual head options
- ✓ Configurable data format
- ✓ Fully customizable
- ✓ JIS compatible 90mm readers available
- ✓ Warranted for 1 million (minimum) card passes

Contact Us for More Information on our Payment Solutions

- (714) 761-6368
sales@idtechproducts.com
10721 Walker Street
Cypress, CA USA 90630-4720
- ISO 9001 Certified
ISO 14001 Certified



Electrical

Communication SPI, UART & USB

Operating Current 1.1mA per track when reading a card; 30 μ A in "sleep" mode

Power Requirements Operation from 2.7 to 5.5 VDC, ground 0 VDC (GND); chassis ground connected to GND & magnetic head case; true automatic gain control (AGC) handles signal amplitudes from 1 mV to 1V peak-to-peak

Environmental

Humidity 10% to 98% relative humidity, non-condensing

Operating Temperature -40°C to 70°C

Storage Temperature -40°C to 85°C

Mechanical

Card Thickness .01 to .045 inches

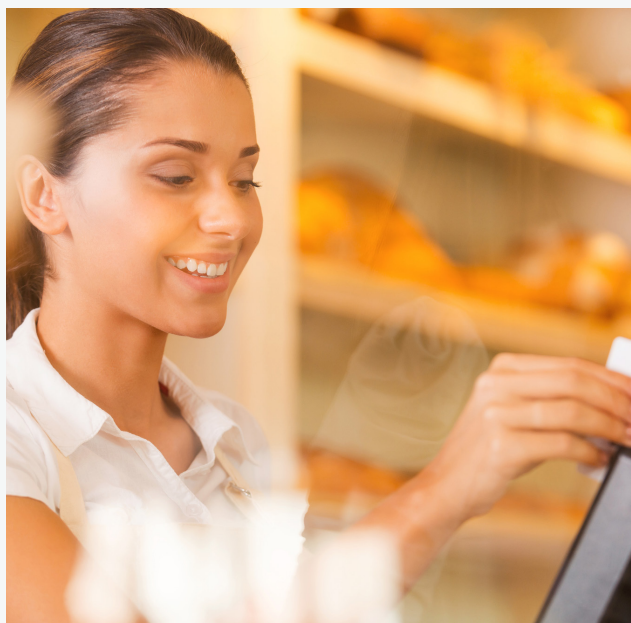
Dimensions 90 mm (W) x 24 mm (D) x 24 mm (H)

Magstripe & Rail Operating Life 1,000,000 cycles minimum

Read Rate Less than 1 error in 100,000 bits on cards conforming to ISO 7811 1-5

Standard Decoding Densities Track 1: 210 BPI; Track 2: 75 or 210 BPI; Track 3: 210 BPI

Swipe Speed 3 to 60 inches per second, bi-directional



Corporate Headquarters

☎ (714) 761-6368

✉ sales@idtechproducts.com

📍 10721 Walker Street
Cypress, CA USA 90630-4720

Europe, Middle East, Africa

☎ 714-761-6368

✉ emea@idtechproducts.com

Latin America

☎ 5511-3079-2255

✉ latam@idtechproducts.com

Asia Headquarters

☎ 886-3-326-5988

✉ asia@idtechproducts.com

Visit Us:

IDTECHProducts.com

