

SecureHead™

Encrypted Intelligent MagStripe Swipe Read Head

Triple Track Decoding in a Single, Small Footprint

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.

High Security Read Head

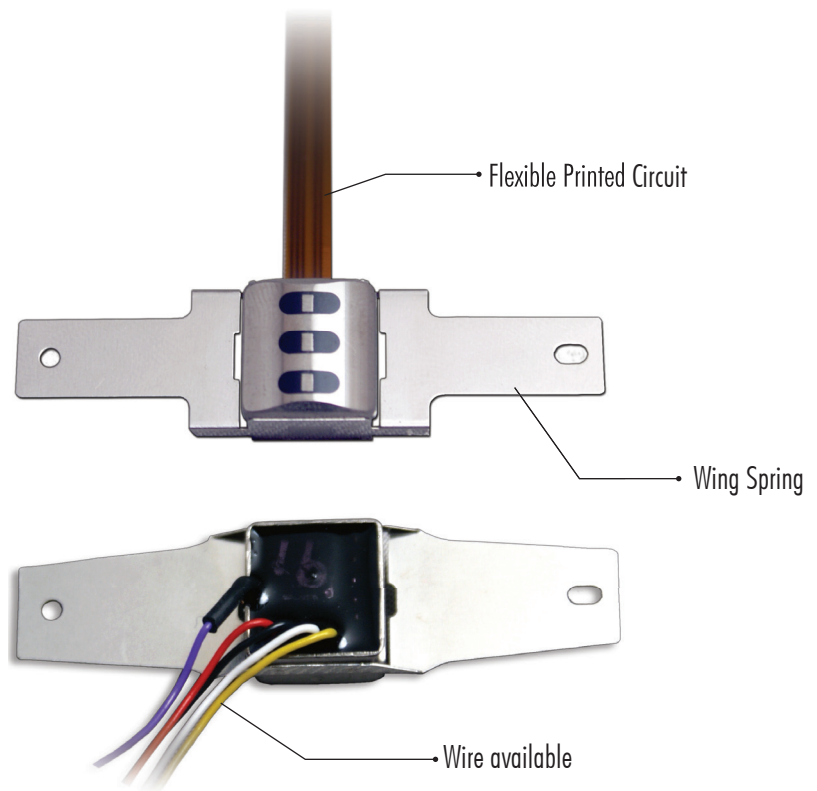
The SecureHead's built-in encryption engine supports TDES and AES encryption with DUKPT key management. The output from the TriMag III ASIC is encrypted before leaving the read head. The SecureHead is ideal for applications that demand improved system security to meet PCI requirements. ID TECH's SecureHead also provides extended security by sealing the electronics within the head to prevent possible tampering.

Configurable to Any Application

The SecureHead is available in a variety of spring arrangements that provide flexible mounting and integration options.

Features and Benefits:

- Available in SPI, USB, and UART
- Bi-directional card reading
- In-head electronics to prevent tampering
- Reads up to 3 tracks
- Built-in encryption engine
- Triple DES and AES encryption
- DUKPT key management
- Simple to mount wing spring & cost-effective decoding solution
- High immunity to ambient noise
- Ideal for PCI applications
- Exceptional reading reliability of real world cards
- Available in wire and flexible printed circuit



SecureHead™

Specifications IDHA-5XXX

General

Interfaces: SPI, USB, UART
Card Speed: 5 to 60 ips (7.6 to 190.5 cm/s)

Electrical

Power: Operating voltage 3V or 5V \pm 10%
Current: Active Power Supply Current: 7 mA
Standby Power Supply Current: 5 mA
Sleep Power Supply Current: USB sleep 4000 μ A
ESD: +4kV discharge to head can

Environmental

Operating Temperature: -4°F to 158°F (-20°C to 70°C)
Storage Temperature: -40°F to 158°F (-40°C to 70°C)
Humidity: Maximum 95% non-condensing

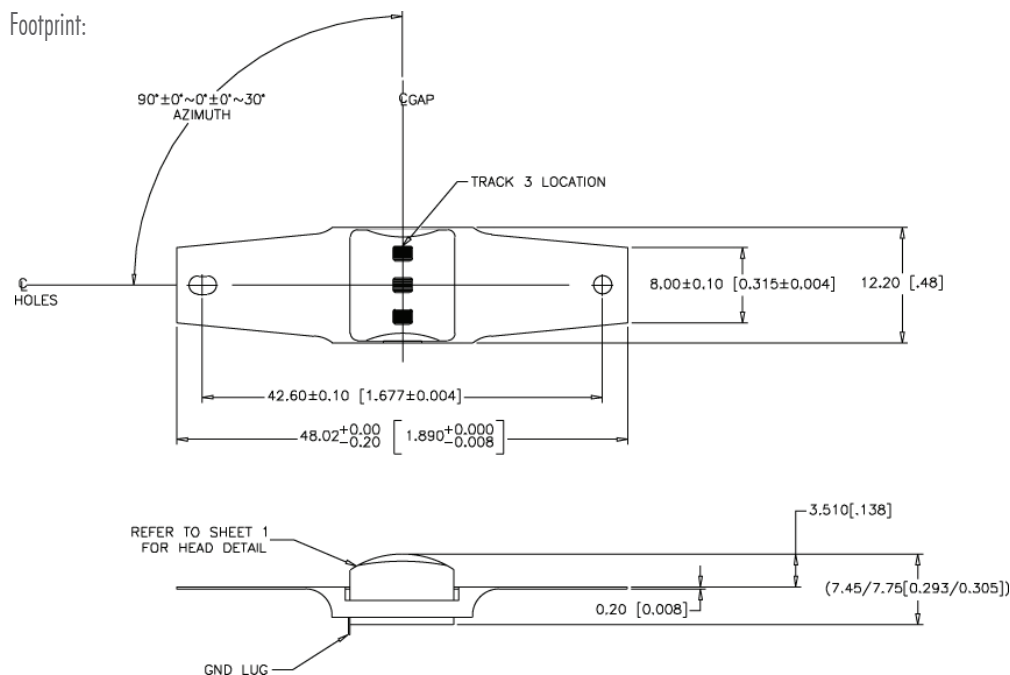
Reliability

Operating Life: 1,000,000 cycles minimum
Warranty: One year, parts and labor

Mechanical

Dimension (L)x(W)x(H): 1.90 inches (48.2 mm)x .48 inches (12.20mm)x .008 inches (.20mm)
Weight: 5.67 grams

Footprint:



United States Sales Office

Corporate Headquarters

10721 Walker Street
Cypress, CA 90630
Phone: (714) 761-6368
Toll Free: (800) 984-1010
Fax: (714) 761-8880
sales@idtechproducts.com

International Sales Offices

Asia

+866-3-496-6988 (Taiwan)
asia@idtechproducts.com.tw

Canada

+450-465-5261
robertop@idtechproducts.com

South America

+55-11-3079-2255
internationalsales@idtechproducts.com

Europe

Germany & United Kingdom
emea@idtechproducts.com

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About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



Legacy, Inc.

160 West Road,
Ellington, CT 06029

Toll Free: 866-271-9891

Fax: 888-522-4684