

# Bio H70 Biometric Handheld Terminal

## Key Features

### Fully Integrated

Finger-print Sensor

### Display

Large graphic display with back-light

### Battery

Rechargeable Lithium-ion Battery

### Dual Purpose

Can be used in both Portable and Wall-mounted mode.

### Proven solution

The device has been deployed for mission critical applications for prestigious clients

Bio H80 is a biometric finger-print based Personal Identity Verification device for implementing Secure Identity applications like Bank Account Holder verification, ID card verification, Passport verification, Attendance and Visitor Management and Monitoring. User's personal information and finger-print template are stored in the device allowing 1:1 verification. USB connectivity facilitates easy deployment and management of the solution at remote locations.



### Physical Characteristics

Dimensions	220 mm (L) x 96 mm (W) x 68 mm (H)
Weight	Less than 500 gms.
Display	Graphical Mono 128 x 64 with backlight, pixel LCD
Keypad	Customizable <sup>1</sup> 16-key Membrane keypad with tactile feel, 0-9, *, #, OK, Cancel, Up, Down
Audio Notification	Programmable Melodies for different events
Visual Notification	Programmable 3-colour LEDs for indicating status.

### Performance Characteristics

Memory	Over 10000 event storage memory
Interface	USB 2.0 connectivity to PC host

### Battery Specifications

Internal Battery	Lithium Ion, 900 mAh, rechargeable battery (replaceable) Over 2 days operation on single charge.
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### GSM/GPRS Network Support

Frequency	Tri-band 900/1800/1900
GPRS	Multi-slot Class 10

### Finger-print Sensor Specifications

Type	Optical
FRR	<0.1%,
FAR	<0.001%
Security Level	5 (1, 2, 3, 4, 5(highest))
Window size	14 mm x 18 mm

### Smart-card Specifications-Optional

Contact-less cards (built-in)	Built-in ISO14443A MiFare Smart-card interface with read/write capability
Contact-cards (optional)	ISO 7816 Smart-card interface with read/write capability for Memory & CPU Cards

### User Environment

Operating Temperature	0 to 55 °C
Humidity	0-95% RH (Non-condensing)

### Peripherals and Accessories

Battery Charger	220V 2-Pin mains charger (included)
Communication Cable	USB 2.0 Cable for PC Connectivity (optional)

### Warranty

The Bio H80 is warranted against defects in workmanship and materials for a period of 12 months from date of shipment, provided the product remains unmodified and is operated under normal and proper operational conditions. Warrant void under the following circumstances:

- Physical and/or Electrical damage
- Unit is opened without proper authorization
- Use of mains charger other than original

### Changes to Specifications

The manufacturer reserves the right to modify the specifications.

<sup>1</sup> Customization charges may apply depending on size of order