MV-IBASE-01

Smart Base of Wireless Handheld Code Reader

CE   FC

Introduction

MV-IBASE-01 series smart base is used to charge and provide data communication for the wireless handheld code reader. It has USB, network, or RS-232 interfaces to meet different demands.
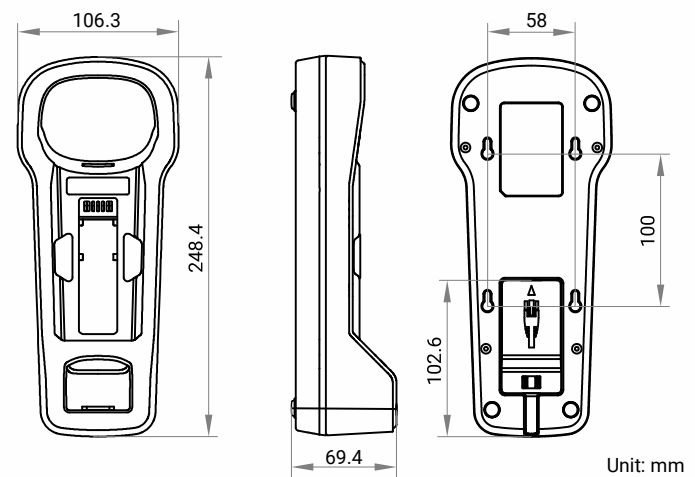
Key Feature

- Adopts Bluetooth 5.0 wireless technology to provide convenient and efficient operations.
- Supports battery charging and device charging.
- Parameter configuration and device management via IDMVS client software are supported.
- Supports TCP, FTP, UDP, Serial, Profinet, Ethernet/IP communication protocols.

Available Model

- Smart base with network interface:
  MV-IDA-H70-IBASE-01L
- Smart base with USB interface:
  MV-IDA-H70-IBASE-01U

Dimension

106.3
248.4
69.4
58
100
102.6

Unit: mm

Specification

Model	MV-IDA-H70-IBASE-01L	MV-IDA-H70-IBASE-01U
Wireless communication		
Bluetooth	BT 5.0, 2.4 GHz to 2.4835 GHz, BLE	
Wireless range	100 m (open range)	
Communication protocol	SmartSDK, TCP Client, Serial, FTP, TCP Server, UDP, Profinet, Ethernet/IP	SmartSDK, USB (HID/CDC)
Electrical feature		
Data interface	Fast Ethernet, RS-232, DC terminal	USB2.0, DC terminal
Power supply	12 VDC to 24 VDC	USB: 5 VDC, DC terminal: 12 VDC to 24 VDC
Max. power consumption	7.5 W@12 VDC	USB: 7.5 W@5 VDC, DC terminal: 7.5 W@12 VDC
Battery	3150 mAh, lithium battery	
Charging time	4 h	Adapter charging: 4 h, USB charging: 8 h
Mechanical		
Dimension	248.4 mm × 106.3 mm × 69.4 mm (9.8" × 4.2" × 2.7")	
Weight	Approx. 380 g (0.9 lb.)	
Temperature	Working temperature: -20 °C to 50 °C (-4 °F to 122 °F) Storage temperature: -30 °C to 60 °C (-22 °F to 140 °F) Charging temperature: 0 °C to 45 °C (32 °F to 113 °F)	
Humidity	20% to 95% RH, non-condensing	
Drop height	1.8 m (70.9")	
General		
Client software	IDMVS	
Certification	CE, FCC	

HIKROBOT