

MV-IDH9000B/SBASE

Smart Base of Wireless Handheld Code Reader



Introduction

MV-IDH9000B/SBASE smart base is used to charge and provide data communication for the wireless handheld code reader.

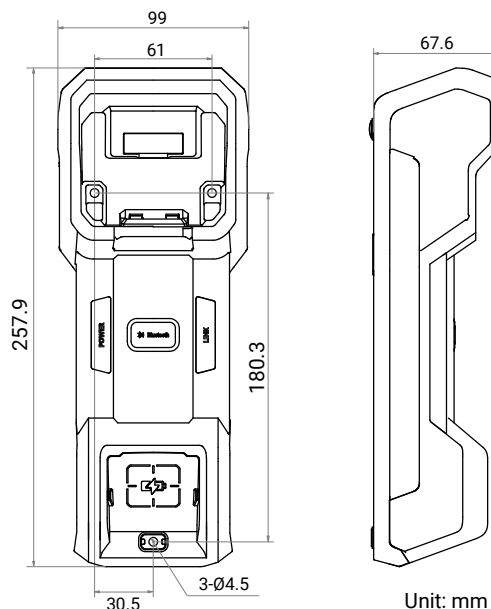
Key Feature

- Adopts Bluetooth 5.0 wireless technology to provide stable connection with max. transmission distance of 100 meters in open areas, and supports mobile terminal connection via Bluetooth for convenient and efficient operations.
- Supports wireless charging, preventing potential metal electrode wear and metal filing interference.
- Supports multiple charging methods, such as charging via smart base, Type-C connector, or PoE connection with smart base.
- The communication protocols supported by the USB type device are SmartSDK, USB, Serial, and Bluetooth. The communication protocols supported by the network type device are SmartSDK, TCP Client, Serial, FTP, TCP Server, UDP, Profinet, EthernetIP, Bluetooth, and Modbus.

Available Model

- Smart base with network interface: MV-IDH9000B/SBASE/L
- Smart base with USB interface: MV-IDH9000B/SBASE/U

Dimension



Specification

Model	MV-IDH9000B/SBASE/U	MV-IDH9000B/SBASE/L
Wireless communication		
Communication mode	Bluetooth BT 5.0, BLE	
Wireless range	100 m (open area)	
Communication protocol	SmartSDK, USB (HID/CDC), Bluetooth, Serial ¹	SmartSDK, TCP Client, FTP, TCP Server, Profinet, EthernetIP, Modbus, UDP, Serial, Bluetooth, MELSEC
Electrical feature		
Data interface	USB 2.0, DC terminal	Fast Ethernet (100 Mbit/s) ² , RS-232, DC terminal
Power supply	DC terminal: 12 VDC to 24 VDC	DC terminal: 12 VDC to 24 VDC PoE: 48 VDC
Current consumption	1.1 A (max.), 0.15 A (during standby)	DC terminal: 1.1 A (max.), 0.15 A (during standby) PoE: 0.35 A (max.), 0.1 A (during standby)
Charging time	6 h	
Mechanical		
Dimension	257.9 mm × 99 mm × 67.6 mm (10.2" × 3.9" × 2.7")	
Weight	Approx. 380 g (0.8 lb.)	
Ingress protection	IP65	
Temperature	Working temperature: -10 °C to 50 °C (14 °F to 122 °F) Storage temperature: -20 °C to 60 °C (-4 °F to 140 °F)	
Humidity	5% RH to 95% RH (no condensation)	

1: If Serial communication protocol should be used for the device with USB interface, you need to purchase a cable with serial port or USB interface separately.

2: PoE power supply is supported by the device with network interface.