



HH100

Integrated RFID reader

- Impinj E710 RAIN RFID reader chip[Indy R2000 optional]
- RJ45, RS-232, RS-485, Wiegand communication interfaces
- PoE (max 35dbm) Optional
- Higher Sensitivity -85dbm for best RFID performance
- High Protection Level: IP65-67 optional
- Wireless communication supportable[Wi-Fi, Bluetooth]
- LED alarm to show working status

Specification



System	
Processor	ISO/IEC 18000-6C/EPC C1G2
Memory	USA: 902 MHz-928MHz (FCC part 15) EU: 865-868MHz (ETSI EN 302208)
Operating System	CN: 920-925MHz (CMIIT)
Firmware Upgrade	Russian / Japan / Korea /Malaysia / Thailand / other customizable
API Support	Reading Range: 0-1m Writing Range: 0-20cm (According to Tag & Environment)
Physical Characteristics	
Dimensions	170*120*17mm
Weight	0.25kg
Housing Material	Die-cast aluminum/ABS cover
Visual Status Indicator	Power, Status
RFID	
Chipset	Impinj Indy R2000/ E710
Air Protocols	ISO/IEC18000-6B, 6C / EPC C1Gen2 C2GEN2 optional
Frequency	902-928MHz, 865-868MHz, 920-925MHz
Output Power	0dBm-35dBm (± 1 dBm) adjustable
Environmental	
Operating Temp.	-25°C - +70°C
Storage Temp.	-40°C - +85°C
Humidity	5-95% non-condensing (+25)
Optional	
Cable	Feeding cable options 1 mtr or 2 mtr
RFID Antenna	9dBi Circular Polarization, Size:276x276x40mm, 860-960MHz, IP66

Applications:



POS Billing



Self-checkout
Kiosk



Warehousing
& Logistics



RFID for Transportation
& Parking