

HT100 UHF Industrial All-in-one Reader



HT100 All-in-one Reader is a product independently developed by Shenzhen Hopeland Technology Co., Ltd. This product is a high-performance UHF RFID reading and writing equipment with exquisite and beautiful appearance. It supports ISO18000-6C EPC C1G2 protocol, and is mainly used in production line station management and other scenarios.

Key Features

- Powered by Impinj R2000 RF scheme
- Support RSSI: Sensing signal strength
- Support adjustable RF output power
- Support RS485 / RS232 / RJ45 interface
- Support Modbus RTU/TCP & Hopeland command protocol (Dual Protocols)
- Support automatic tag reading mode / command tag reading mode
- Support tag reading indicators

Specifications

MAIN FEATURES

Air Protocols	ISO18000-6C EPC C1G2
Features	Support online upgrade
	Support tag data filtering
	RF output power adjustable
	Fixed frequency / frequency hopping (optional)
Work Mode	Automatic tag reading mode / Command tag reading mode

PHYSICAL CHARACTERISTICS

Dimensions	92.5mm×92.5mm×38mm
Weight	250g
Protection Level	IP67

RFID CHARACTERISTICS

Working frequency	CHN:920MHz~925MHz,FCC:902MHz~928MHz
	ETSI:865MHz~868MHz, other customized frequency
RF Output	23dBm±1dB(MAX)
Channel bandwidth	< 200KHz
Frequency stability	≤±10ppm
Reading speed	≥800times/s
Reading Distance	0m ~ 120cm(According to Tag & Environment)
Sensitivity	≤-80dBm

CONNECTIVITY

RS232	115200bps (default)
RS485	115200bps (default)
Ethernet	10M/100M
Power Supply	12~24V or POE
Power Consumption	≤6W
Standby Power	≤0.65W

ENVIRONMENTAL

Operating Temp.	-25 ~ +80°C
Storage Temp.	-40 - +85°C
Humidity	0-95% non-condensing (+25°C)
Atmospheric pressure	86kPa~108kPa
Sealing	IP67

Outline Dimensions

