

# Shine 340 / 380 IoT Smart UHF RFID Reader



**Shine 340 / 380** (model number HH340 / HH380) are Hopeland new designed masterpiece with great innovations – a real IOT smart UHF RFID reader, supporting edge computing , which help turn on the value of data into a networking times. They run with Impinj INDY R2000 high performance RFID chipset, and operated on Android 9.0 operation system. 4-Port /8-port optional.

It supports off-line working for 40,000pcs of tags since with 2GB RAM and 16G ROM capacity. Kinds of communication interfaces, PoE optional. Moreover, it could be connected with monitor via the HDMI interface.

## Features

- Powered by Impinj R2000 chipset for maximum tag detection performance.
- Android OS based open development environment
- Support MQTT provides real-time, reliable messaging services for connecting cloud servers
- Support HTTP POST communication to send the tag data to the web URL directly
- Support to send the tag data to the specified database directly
- Kinds of communication interfaces: RJ45, RS485, Wiegand, USB, Wi-Fi, Bluetooth, 4G
- Industrial, installation friendly I/O connector,
- Support RSSI, speed filters, antenna detection, online update
- **Real useful PoE (max 33dbi power output) supportable**

## Specifications

### HARDWARE, OS AND FIRMWARE MANAGEMENT

Processor	<b>MT6765, Octa-Core 2.3Ghz</b>
Memory	Flash 16GB; DRAM2GB
Operating System:	<b>Android 9.0</b>
Firmware Upgrade	Demo software / Web
API Support	Android - Java

### PHYSICAL CHARACTERISTICS

Dimensions	241mm×132mm×36mm
Weight	1.2Kg
Housing Material	Die-cast aluminum
Visual Status Indicators	Power/Status, Ant 1-4/8

### RFID CHARACTERISTICS

Air Protocols	ISO/IEC18000-6B, 6C / EPC C1Gen2 <b>C2GEN2 optional</b>
Frequency	USA: 902 MHz-928MHz (FCC part 15) CN: 920-925MHz (CMIIT) Russian / Brazil / Korea / Malaysia / Thailand / other customizable
Output Power:	0dBm-35dBm ( $\pm 1$ dBm) adjustable
Channel bandwidth:	< 200KHz
Anti-collision	Support multi-tag / intensive inventory
Work Mode:	Fixed/hop frequency optional

## CONNECTIVITY

	RJ45, RS-485, OTG, Wiegand
	WiFi : 802.11 a/b/g/n/ac
Communications	4G : LTE-FDD ( CAT-7 ) /LTE-TDD ( CAT-7 ) / WCDMA/TD-SCDMA/ EVDO/CDMA/GSM  Bluetooth : BT v2.1+EDR , 3.0+HS,v4.1+HS
General Purpose I/O	4 inputs(DC 0~24V), 4 outputs(DC_MAX:30V,2A; AC_MAX:125V,0.3A), optically isolated (Terminal Block)
Power supply	DC 24V/2.5A (DC 9V ~ 30V,60W) or <b>PoE (IEEE 802.3 af/at/bt), support max 33db output</b>
Display interface	HDMI, support 720P(default)/1080P
Antenna Ports	4 Reverse Polarity TNC ports; circular or linear polarization; near and far field compatible

## ENVIRONMENTAL

Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP5X

## Outline Dimensions



