



DESCRIPTION

RFG-HC04 is new designed fixed UHF RFID reader with 4 port for antennas. With Impinj R2000 chispet, support multiple tags reading up to 500 times/second. Widely use for asset management, inventory/warehouse management, vehicle ETC management etc.

Specification	
Air Protocol	ISO/IEC18000-6B, 6C / EPC C1Gen2 , C2GEN2 optional
Frequency	USA: 902 MHz-928MHz (FCC part 15)
	EU: 865-868MHz (ETSI EN 302208)
	CN: 920-925MHz, CMIIT)
	Supportable /optional: Russian / Japan / Korea / Malaysia / Thailand / other customizable
Output Power	0dBm-33dBm (± 1 dBm) adjustable
Reading Range	0-20m(According to Tag & Environment)
Channel Bandwidth	<200KHz
Anti-collision	RSSI / Multi-tag / Intensive inventory supportable
Work Mode	Fixed / Hop frequency optional
Antenna Port	4* Reverse Polarity TNC port
Hardware ,OS and Firmware	
Processor	ARM9, 400MHz
Memory	Flash 128MB; DRAM 32 MB
Operating System	Linux 2.6
Firmware Upgrade Method	Demo software / Telnet
Programing Functions	
Function	Automatic reading/ White list
Data Mode	Breakpoint Resume / Match reading / Data filter
Format	Data format customizable (PLC / Modbus compatible)
Service	RF Micron / EM Temperature sensor custom Services
Physical	
Dimensions	256mm(L)*147.6mm(W)*43.47mm(H)
Weight	1.4Kg
Housing Material	Die-cast aluminum
Visual Status Indicators	Power, Status, Antenna port indicator
Connectivity	
Communications	Rj45, RS-232, RS-485, USB Host&Client, Wiegand
General Purpose I/O	4 inputs, 4 relay outputs, optically isolated
External	WIFI / 4G, built-in Bluetooth optional
Power Supply	DC 24V/2.5A (DC 9V ~ 30V,60W)
Environmental	
Operating Temperature	-20 - +70°C
Storage Temperature	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)
Sealing	IP5X standard, IP65 sealing after protective casing