

MRU-1000U

UHF Gen2



HID compliant



Applications

- Tag issuance
- Document issuance
- File Issuance
- Certificate Issuance
- And more...

Features

- Support ISO18000-6C EPC Gen2
- Support USB HID compliant
- Low voltage
- Superb coverage with microstrip antenna or near field antenna at customer's choice



Specification

Model		UD - 10	
Physical Characteristics	Dimensions		107 (W) x 107 (L) x 23 (H) mm
	Weight		400g
Environment	Operating Temp		-20°C to 55°C (-4°F to 131°F)
	Storage Temp		-40°C to 80°C (-40°F to 176°F)
	Humidity		10% to 95%
	Casing		IP54
Antenna Selections: Microstrip Antenna (120 x 120 x 4) mm / Near Field Antenna (110 x 40 x 1.6) mm	Polarization	RHCP / Linear	
	Peak Gain	6 dbi / 4 dbi	
	Beam Width	>40 MHz / >200 MHz	
	VSWR Ratio	1.5:1.0 dBi / 1.5:1.0 dBi	
	Axial Ratio	< 2.0 Db	
Power	External 5 VDC (70mAh @sleep mode; 150mAh @ operating mode)		
Frequency Ranges	902 or 928 MHz band or 856-868Mhz		
RF power control	20-30dBm		
Tag Air Interfaces	EPC Class 1 Gen 2		
Communication Interface	USB (HID compliant);		
Reader Range	>1cm – 50cm tag and antenna dependent		
Working Type	Reader & writer / emulate keyboard		