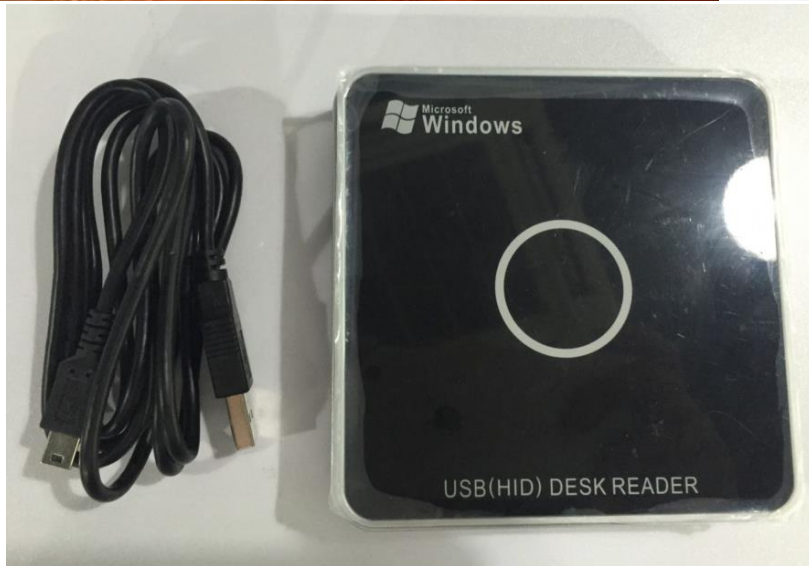


UD – 10

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



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	

