

Tagonic 4-port Fixed UHF RFID Reader (TRI - ILR4)



Features:

- Impinj R2000 platform and double power amplifier
- synthetic circuit. Read distance up to 20 meters, read speed 400 times/sec.
- Linux OS carrying ARM9 CPU keeps 24hrs X 365days running.
- Kinds of communication interfaces. WiFi, Bluetooth, 4G optional. Die-cast aluminum casing, good anti-shock design.

Specification:

System	
Operation System:	Linux 2.6
CPU:	AT91SAM7X256
Memory Capacity:	DDR SDRAM :128M; ROM: 256M
UHF RFID	
Protocol:	ISO/IEC18000-6B, 6C / EPC C1Gen2
Frequency:	USA: 902 MHz-928MHz (FCC part 15)
	EU: 865-868MHz (ETSI EN 302208)
Output Power:	0dBm-33dBm (± 1 dBm) adjustable
Power adjustment:	1dBm step-by-step
Channel bandwidth:	< 200KHz
Frequency stability:	$\leq \pm 10$ ppm
Work Mode:	Fixed/hop frequency optional
Reading speed	>400times/S
Anti-collision	Support multi-tag reading, intensive reading
Software	Support RSSI, antenna detection, online update, data filtering
Read range:	0-20m (depending on environment)
Write range:	0-8m (depending on environment)
Antenna interface:	4×TNC interface
Interface:	RS-232, RJ45 (WiFi, Bluetooth can be added)
I/O interface	4 input/ 4 relay output



Tagonic RFID India Pvt. Ltd.

Physical

Working Temperature:	-20 - +70°C
Storage Temperature:	-40 - +85°C
Atmospheric Pressure:	86kPa ~ 108kPa
Relative Humidity:	10~90% RH no condensing
Size:	183mm*174mm*25mm
Weight:	650 g
Housing Material:	Casting aluminum
Power supply:	DC 12V/3A /PoE power supply (802.3af or 802.3at)
Protection level:	IP55

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