

CJ2505A UHF RFID integrated reader is a high-performance UHF all-in-one reader which integrated antenna and reader, and support ISO18000-6C/6B protocols. Its working frequency covers national standard dual frequency:920MHz~925MHz, 840MHz~845MHz, FCC:902MHz~928MHz, ETSI:865MHz~868MHz, and JP:916MHz~920MHz. Its output power is 0dBm~30dBm, and it has many good features, like long distance identification, fast speed, strong multi-label identification, strong anti-interference, high level protection and easy installing.

Product Feature:

Using Impinj R2000 RF Platform

IP66 protection

CPU:ARM9 platform, basic frequency is 400MHz

Support ISO18000-6B/6C dual protocol

Built-in Linux 2.6 operating system, support customer's customized and extendable development

Support variety of communication interfaces, like RJ-45/RS-232/RS-485/WIGAN etc

Product Specifications:

System	
Operating system	Linux 2.6
CPU	ARM9, 400MHz
DDR	DDR SDRAM: 128M, ROM: 256M
Physical parameter	
Size	164mm×164mm×49.6mm
Weight	1.0kg
Material	aluminum +PC
Power	DC 24V/2.5A
UHF RFID	
Protocol	ISO18000-6B/6C
Frequency	FCC: 902~928MHz ETSI: 865~868MHz GB: 920~925MHz; 840MHz~845MHz
Output power	0~30dBm(±1.5dBm)
Power regulation	1dB Step
Spectrum bandwidth	~200kHz
Spectrum Stability	≤±10ppm
Antenna gain	≤1.3:1
External interface	RS-232, RS-485, Wiegand, RJ45, USB2.0
Operating mode	Fixed Frequency or Frequency hopping mode

RJ-45 communication rate	10M/100M self-adaptive
Reading speed	>400 time/s
I/O interface	1 optical coupler input/2 relay output
Capacity of resisting disturbance	Good anti-interference algorithm,support reading multi-tag
Software	Support RSSI, antenna calibration, updataonline, data filtering
Antenna	Built-in 6dBi circular polarization antenna
Reading distance	0~8m (According to the label performance and using environment)
Writing distance	0~4m (According to the label performance and using environment)
Working environment	
Working temperature	-30~+70°C
Storage temperature	-45~+85°C
Barometric pressure	86kPa~108kPa
Humidity	5%~95% RH Without condensation
Protection level	IP54

UHF RFID integrated reader applications:



Related Products:



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