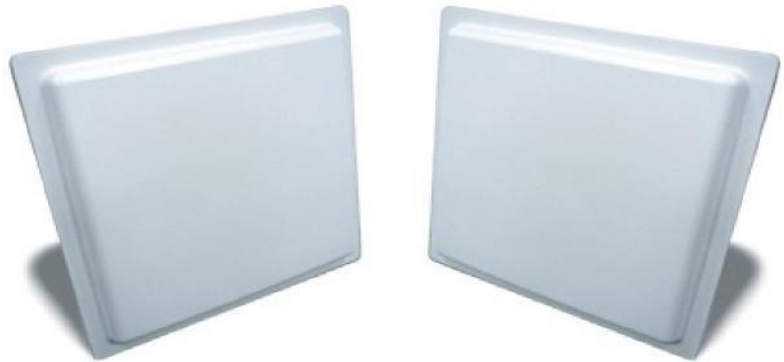


UHF Reader with Integrated Antenna

RF990



- 900MHz UHF Long Range Reader
- Up to 15m Read Range (Tag Dependent)
- Weather resistant
- Antenna Built-In Single Operation Reader
- Compatible Cards & Tags: IDT900C (RFID Passive ISO Card) & IDT92HR (RFID Paper Adhesive Passive Tag)

SPECIFICATIONS

PERFORMANCE INDEX

Frequency Range	902 - 928MHz, 865-868MHz (or Customizable)
FM Mode	FHSS or Fixed Frequency, Set by the Software
Chip	Impinj Indy R2000
RF Output	30 dBm Adjustable
Communication Interface	TCP/IP, RS232, RS485, Wiegand 26 / 34
Communication Rate	Serial Port, 9600 ~ 115200bps, RJ45 10Mbps
GP I/O Interface	12 Pin + 4 Pin
Power Dissipation	Average < 15W
Application Software	API SDK and VC, VB, JAVA Application Routines

TAG OPERATION PERFORMANCE

Reading Distance	8 - 15m (Equipped with 12dbi Antenna) (Tag Dependent)
Air Interface	EPC Global UHF ISO18000-6C (EPC G2), ISO18000-6B

MECHANICAL AND ELECTRICAL PERFORMANCE

Dimension	17.5"(L) X 17.5"(W) X 2.75"(H) mm
Power Supply	Equipped with Power Converter (120V AC Input, +9V DC / 3A Output)
Weight	4.4 lbs.
Humidity	5% to 95%, Non-Condensing
Protection Grade	IEC IP65
Operation Temperature	-4°F to +140°F
Storage Temperature	-40°F to +176°F

