

UHF 4-PORT READER IDT-401



Low Cost



IP 40



Rugged
Design



UHF RFID



Easy
Installation



Network

IDT 401 is a UHF High Performance Reader which comes with enterprise class 4-port flexibility. This fixed Reader is designed upon fully self-intellectual property. Based on efficient digital signal processing algorithm, it supports fast tag read/write operation with high identification rate. IDT 401 is extremely easy to setup and deploy. It comes with robust metal encloser. It can be widely applied in many RFID application systems such as Logistics, Access Control, Anti-Counterfeit and Industrial Production, Process Control System and others.

PHYSICAL PARAMETERS

Dimensions	230mm x 170mm x 40mm
Weight	1.18 Kg
Power Supply	100-240V AC Power Adapter (POE Optional)
Power Consumption	10W
Interfaces	RS232, GPIO Port (2 Input 2 Output, TTL Compitable) TCP/IP
Indicators	Buzzer & LED (Power, LAN, RF, Read, Fault)
Software Support	Provide DLL and Demonstration Software Source code
Housing	Robust Aluminium Body

ENVIRONMENTAL SPECIFICATION

Temperature	-25°C to +65°C (Operating), -25°C to +80°C (Storage)
Humidity	5% RH - 95% RH non condensing
Protection Class	IP 40

UHF RFID

Work Frequency	Standard ISM 865-867 MHz (IND),865-868 MHz (EU), 902-928 MHz (US)
Air Interface Protocol	ISO18000-6B, EPC Class 1 Gen2 (ISO18000-6C)
Read Range	Upto 8 meters with 8dBi Antenna and upto 15 meters with a 12 dBi Antenna
Reading Rate	Up to 200 Tags/second
Antenna	Four Antenna / TNC Connectors
Operating Mode	Auto-Running, Interactive and Trigger-Activating
SDP	Provided DLL and Demonstration Software Source code to Facilitate Further Development
Write Range	0-5m
RF Power Output	0-30dBm (adjustable)
Frequency Hopping	FHSS or Fix Frequency Transmission

ORDER INFORMATION

Part Number	IDT.UHF.401
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APPLICATION AREA



Parking Lot Management



Electronic Toll Management



Warehouse Management



Employee/
Student Tracking



Vehicle Access Management



Supply Chain



Inventory



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com



The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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