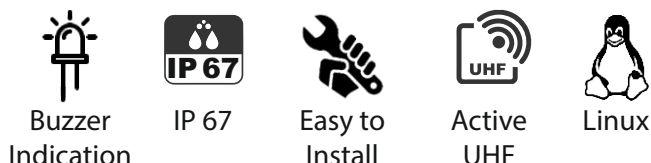


# Active Omni Directional Reader IDT 528



Buzzer  
Indication

IP 67

Easy to  
Install

Active  
UHF

Linux

IDT 528 is an Active Integrated Reader which has features of high identification range and reliability. The reader range is adjustable from 8 to 150m. It supports RS 232, 10/100 MA adaptive Ethernet and customized interface. It has intelligent antenna technology with directional identification of tags and liner coverage of the identification range making it very useful for identifying people & objects at a distance up to 150m, making it a best choice for Corporation Personnel Management, Automatic Vehicle Identification, Parking Management, High Toll Collection, Warehousing and Logistics and others.

## PERFORMANCE

<b>Indicator</b>	Buzzer
<b>Product Dimension (Excluding Antenna)</b>	315mm x 200mm x 110mm
<b>Weight</b>	1.6 Kg
<b>Power Supply</b>	DC 5V input
<b>Power Consumption</b>	300mW
<b>Power Isolation</b>	1KV (Except Ethernet Data, I/O port)
<b>Tag Protocol</b>	Private Protocol
<b>Tag Operation Mode</b>	Compatible with active and passive operating mode tags
<b>Reading Range</b>	0-150m (depend on the tag power output)
<b>Identification Speed</b>	200pcs/s (Tag ID)
<b>Anti-collision</b>	Identifying 300pcs tag at the same time

## ENVIRONMENTAL SPECIFICATION

<b>Temperature</b>	-40°C to +60°C (Operating), -60°C to +80°C (Storage)
<b>Humidity</b>	5% RH - 95% RH non condensing
<b>Protection Class</b>	IP 67
<b>Shock Resistance</b>	10-500Hz, 100mm/15g, Triaxial

## RF PARAMETERS

<b>Operating Frequency</b>	2.4 to 2.48 GHz
<b>Sensitivity</b>	-95dBm
<b>Communication Interfaces</b>	RS-232, 10/100M Adaptive Ethernet
<b>Expansion Interfaces</b>	RS-485 interface, Wiegand 26/34 interfaces
<b>I/O Port</b>	2- channel relays output, 2- channel trigger input
<b>Firmware Upgrade</b>	Yes
<b>SDP</b>	Provided DLL and Demonstration Software Source code to Facilitate Further Development

## ORDER INFORMATION

<b>Part Number</b>	IDT.528
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## APPLICATION AREA



Parking Lot Management



Electronic Toll Management



Warehouse Management



Employee/  
Student Tracking



Vehicle Access Management



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

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