ID TECH
IDENTITY AND SECURITY

MID RANGE UHF INTEGRATED RFID READER IDT 84

Linux	IP 65	Antenna Auto Tuning	UHF RFID	Low Cost

IDT 84 boasts an entirely proprietary intellectual property foundation. Fueled by an exclusive, high-efficiency DSP algorithm, it empowers swift tag read/write processes with exceptional identification rates. Its compact dimensions (168.9mm×165mm×66mm) make it a perfect fit for applications that demand sleeker, lightweight readers. This versatility extends its utility to various contexts, including logistics, access control, anti-counterfeiting, and refined industrial production processes.

PHYSICAL PARAMETERS

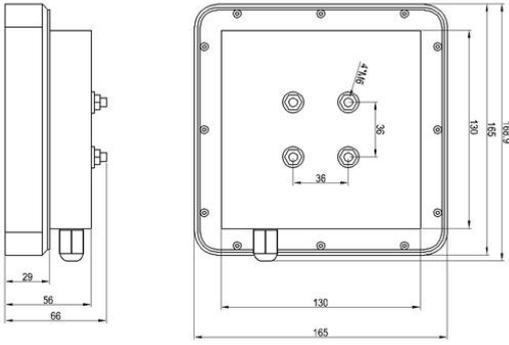|	
Dimensions	168.9mm×165mm×66mm
Weight	600 g
Power Supply	100-240V, DC+9V (Power Adapter)
Power Consumption	1 W
Interfaces	Rs232, RS485, Wiegand 26/34 (TCP/IP & Wi-Fi Optional)
Work Mode	Support auto-running, interactive and trigger-activating
Software Support	SDK Provided
Housing	ABS Plastic

ENVIRONMENTAL SPECIFICATION

Temperature	-25°C to +60°C (Operating), -25°C to +80°C (Storage)
Humidity	5% RH - 95% RH non condensing
Protection Class	IP 65

DIMENSIONS

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	0 - 3m
Write Range	0 - 1m
Antenna	Built-in 4dBi Linear/Circular Polarized Antenna (As per requirement)
Operating Mode	Answer, Active, Trigger
Reading Rate	Software Programmable
Power Output	0-30 dBm (adjustable)
Frequency Hopping	FHSS

ORDER INFORMATION

Part Number	IDT.UHF.84.S
	IDT.UHF.84.L

ACCESSORIES

Power Adapter

Power Cord

Mounting Bracket

APPLICATION AREA

Parking Lot Management

Electronic Toll Collection

Warehouse Management

Employee / Student Tracking

Vehicle Access Management

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