

RFID UHF PORTAL



Impinj
R2000 Module

Linux

Antenna
Auto Tuning

UHF RFID

Easy
Installation

LED

IDT RFID Portal is a compact RFID Gate especially designed for superior reading performance in harsh industrial environment. With its ergonomic design, it is very easy to use for Inventory Management, Asset Management, Logistics, Manufacturing, Retail, Hospitals and libraries. It has Red and Green LED Lights that indicate Standby Mode and Inventory Mode. The High performance portal is meant for use in doorways, hallways or access points, and can also provide general zone coverage, for application in offices, institutions such as healthcare facilities, for retail, or for attendance or access control applications and is ideal for monitoring pallets, equipment, files or people. This RFID Portal increases the process efficiency resulting in reduction of labour/manpower needed for the counting of the assets & increase the productivity of the company by many folds.

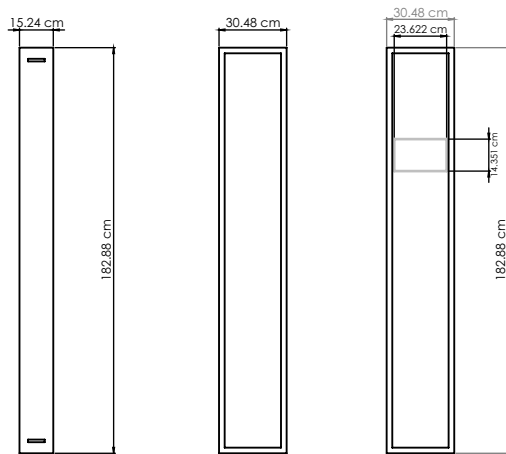
PHYSICAL PARAMETERS

Dimensions	182cm x 304cm x 152cm
Weight	18 Kg
Indicators	Buzzer & LED
Housing	Cold Rolled Steel & Aluminium

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 54

IDT RFID PORTAL DIMENSION



UHF RFID

Work Frequency Standard ISM 865-868, 902 - 928 Mhz (Customizable)

Protocol ISO 18000-6B, EPC Class 1 Gen2 (ISO 18000-6C)

Read Range 3 Cubic Meter

No. of Towers 2

Antenna Built in 9 DBI Circular Polarized Antenna

Operating Mode Answer

Reading Rate Software Programmable

Power Output 0-30 dBm (adjustable)

Packing In wooden Box

Power Supply 100-240V, DC+9V (Power Adapter)

Power Consumption 1W

Interfaces Rs232, RS485, TCP/IP (Wi-Fi Optional)

Software Support SDK Provided

OPTIONAL

Display Integrated 10" Touchscreen

Height Optional 215cm

Led Red Standby Mode

Led Green Inventory Mode

ORDER INFORMATION

Part Number IDT.GR.UHF

APPLICATION AREA



Library



Asset Inventory



Supply Chain



Logistics



Manufacturing



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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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