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EnC Mid Read Range Integrated UHF RFID Reader



Key Features

Dimensions: 225mm X 225mm X 42 mm
Power Supply: 100-240V, DC+9V (Power Adapter)
Power Consumption: 1 W
Operating Temperature: -25 C to +60 C
Storage Temperature: -25 C to +80 C
Read Range: 10 meter
Antenna: 8dBi Linear/Circular Polarized Antenna

Product Description

Our Integrated UHF RFID Reader, with integrated antenna is built for reliable tag identification in applications such as access control, parking, toll management, attendance, and RFID automation. The built-in 8 dBi Linear/Circular Polarised Antenna provides a specified read range of up to 10 meters, helping detect RFID tags without requiring a separate antenna.

It supports multi-tag reading at up to 200 tags per second and offers adjustable RF output power from 0-30 dBm for better control across different installation environments. Operating at 865–867 MHz UHF RFID Frequency, it supports ISO 18000-6C / EPC Class 1 Gen 2 protocols and includes Answer, Active, and Trigger modes. Its compact design also makes it suitable for schools, offices, hospitals, parking areas, toll plazas, and other RFID automation setups.

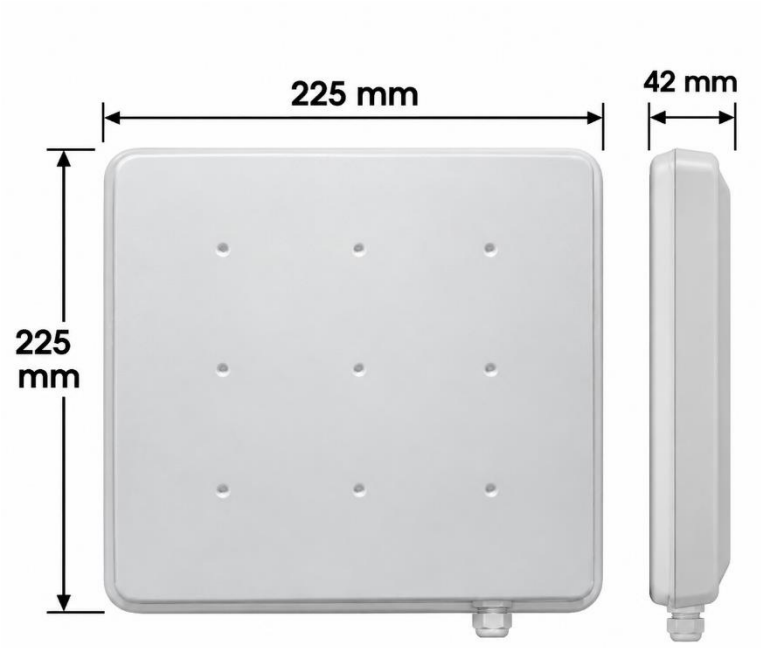
Tag Applications

- Vehicle access management
- Parking automation
- Toll plaza automation
- Hospital management
- Laundry automation

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Technical Specifications	
Dimensions	225mm X 225mm X 42 mm
Power Supply	100-240V, DC+9V (Power Adapter)
Power Consumption	1 W
Operating Temperature	-25 C to +60 C
Storage Temperature	-25 C to +80 C
Read Range	10 meters
Multi-tags Reading	200 tags/s
Antenna	8dBi Linear/Circular Polarized Antenna
Operating Mode	Answer, Active, Trigger
Power Output	0-30 dBm (adjustable)
Operationg Frequency	865–867 MHz Ultra High Frequency (UHF)
Air Interface Protocol	ISO 18000-6C EPC Clas 1 Gen 2
Application	Access Control, Toll Plaza automation, parking automation, Hospital Management

Product Diagram



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