

UHF | RAIN - Stationary Reader CT - wallID

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- Up to 26 dBm output power
- Integrated Antenne + LED indicator
- Up to 100cm reading range
- USB Type-A (HID)



UHF | RAIN - Stationary Reader Wall Mount - Access RFID Reader

CRAFT TECHNOLOGIES wallID reader is used to identify users who want to access a system contactless free. This UHF RFID reader allows identification through cards or key fobs with 865-868 MHz UHF technology. The wallID RFID reader can be vertically mounted on surfaces such as walls and HMI panels. With its USB interface it supports keyboard emulation (HID) and offers reading ranges of up to 100cm.

Common Applications

- Access Control
- HMI Automation
- Tool Handling
- Point of Sale
- Industrial Automation



TECHNICAL SPECIFICATIONS

RFID Technical Parameters

Operating Frequency	865.600~867.600 MHz (ETSI EN 302 208 v. 3.3.1) 902~928 MHz (FCC part 15.247)
Supported Standards	ISO18000-6C (EPC GEN2)
Built-in antenna	1.5dbi circularly polarized antenna
Reading speed	>50 images/second (single tag); depends on tag, antenna gain and transmit power
Tag reading distance	Nominal 1m; dependent on tag selected
RF output	Independent read and write mode 5-26dBm, step 1dB, power adjustment accuracy ±0.5dB
RSSI	Supported

Environmental Parameters

Operating temperature	-40°C- +65°C
Storage temperature	-45°C- +85°C
Operating humidity	<95% (25°C)

Physical Characteristics

Dimensions	110 x 56 x 18 mm
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Data Communication

GPIO interface	LED, BEEP, Wiegand
Communication interface	USB-HID
Transmission mode	Comply with the requirements of domestic radio management regulations: adjacent channels -30dBc; separated channels -60dBc
Operating voltage	+5V~+24V
Operating mode power consumption	<1.5W (typ.); at maximum transmit power
Logic level	VIL -0.5-0.8V VIH +2-3.3V
Connector	USB-A

Part No. / Model

TBA	CT - wallID
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