



INVID-AIR-CR Network Access Controller allows you to control access to your building with electromagnetic or electromechanical locks. It automates access for vehicles, tracks time and attendance, and more.

The controller provides several Internet connectivity options, including Wi-Fi\*\* or Ethernet, and supports Wiegand or RS-485 reader connection with Open Supervised Device Protocol (OSDP) for next generation secure readers.

INVID-AIR-CR Controller can handle different electric locks or other devices with one controlled open-collector output. It also has two programmable inputs to connect an exit button, an open position sensor, or an "alarm button" that signals an alarm and automatically locks the door in emergencies.

## INVID-AIR-CR

Controller All In One 1 Door Built In Rfid Reader

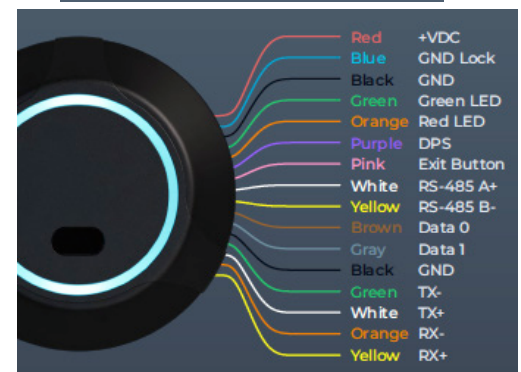
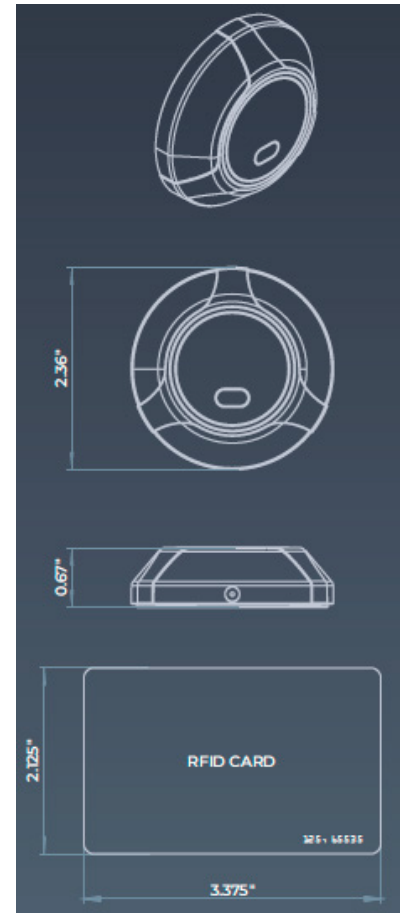
### Features

- Resilient MQTT Protocol
- Web-Based Interface
- Wi-Fi\*\* & Ethernet Connection
- Multi-Reader 125Khz/13.56Mhz/ 2.4Ghz
- Bluetooth Credentials
- All-In-One Small Package

Electrical	
Supply voltage	12-24 vDC
Average rated current consumption	12V 0.2A (7.2W)
Maximum switching voltage/current: – Open collector	2A 12V DC
Functional	
Hardware	Dual Core CPU 2 x 240 Mhz 32Bit / 16 MB RAM
Wireless interface	Wi-Fi 802.11 b/g/n 2.4GHz-2.5G
Wi-Fi antenna	2 dB, Omni directional
Wi-Fi modes	STA+AP
Ethernet interface	10/100/1000 Mbit
Wiegand port	1
Wiegand port modes	in/out
Wiegand port protocols	WG4, WG8, WG26, WG34
OSDP port	1
Frequency of RFID reader	125Khz / 13.56Mhz
RFID Reading range	up to 2in (5 cm)
RFID tags support	All types of MIFARE 13,56 Mhz; All types of NFC tags; EVM; EMMarine;
RFID copy-protection feature support	YES
Bluetooth credentials support	YES
Bluetooth Reading range	Select 1.6-49 ft (0.5-15 m)
Zero-touch sensor	Yes (Button mode only)
Zero-touch sensor distance	Select 10-80 cm. (4-31 inches) (Button mode only)
Number of inputs	2 (REX, DPS)
Number of outputs	1 (LOCK)
Events memory	Up to 250 000
Users memory	Up to 30 000
OTA update	
Built-in web server	
NTP Server	YES
MQTT API	
Maximum distance of wired interface: – OSDP – Wiegand – Ethernet	3280 ft (1000m) 328 ft (100m) 328 ft (100m)
Operational	
Working temperature range	-22°F to 158°F (-30°C to 70°C)
Environment class	IP65 Indoor/Outdoor use.
Enclosure material	ABS+PC UL94 V-0 + fire-resistant plastic
Color	Black
Mount type	Wall mount
Overall dimensions (D x H)	2.36" x 0.59" (60 mm x 15 mm)
Weight	0.14 lb (65g)

\* See general specifications for RS485 interface.

\*\* Wi-Fi - is not recommended for any long range communication, short range only (4-8 feet). 2.4Ghz Wi-Fi only. Wi-Fi is recommended for configuration, troubleshooting and updates.



### Ordering Information

**INVID-AIR-CR:** Access Control Device

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