IDESCO

EPC 2.0 Compact

Small long range reader for access control

Product features and benefits

- "Hands-free" access control, reading distance up to 4 meters
- Wide temperature range
- Supports Gen2 V2 security feature
- Deliverable pre-configured, or configurable with either configuration card or RS232 interface

EPC 2.0 Compact is a small EPC reader designed to provide convenient "hands-free" access control. It can read out to 4 meters, depending on reader placement, tag type, tag orientation and materials of the surrounding environment.

As an anti-collision reader, EPC 2.0 Compact is fully capable of transacting multiple tags simultaneously, including encrypted EPC Gen2v2 transponders. It readily supports on-site configuration by config cards or by RS232 interface.

By default, EPC 2.0 Compact initiates polling/reading automatically upon power-up without initializing commands.

Lastly, EPC 2.0 Compact also supports EPC, TID and User memory bank reading.

EPC 2.0 Compact: Technical specifications

Operating frequency	865-868 MHz (other frequencies by request)
Voltage	10..30VDC (nominal 24VDC)
RFID chip support	EPC C1G2, ISO 18000-6C EPC Gen2v2, ISO 18000-63
Antenna	Internal
RF output power	0-27 dBm
Material of housing	Plastic
Installation method	Mounting plate (VM)
Colour	Black
Protection class	IP67
Customized versions	Yes, with sticker
Storage temperature range	-40 °C to +85 °C
Outputs	2 outputs
Inputs	1 input
RS-232	yes, configurable
Wiegand	yes, configurable
RS-485	on demand
EMC	ETSI EN 301 489-1, ETSI EN 301 489-03
Frequency allocation	ETSI 302 208
Cable	3 m pigtail or connector
Leds	RGB Leds (VM)
Led control	By wire
Buzzer	Yes
Buzzer control	By wire
Optical tamper	Yes, configurable
Alive message	No
Re-read delay	Adjustable
Configuration	By card or via RS232
Read range	≤ 4 m