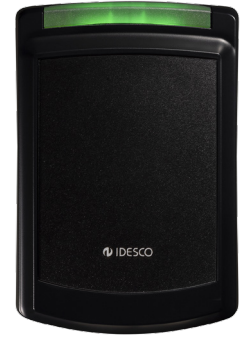


EPC 2.0 Compact

Small long range reader for access control



Product features and benefits

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

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 upon request)
Voltage	10..30VDC (nominal 24VDC)
Current consumption	0,5A@10V 0,2A@24 V
RFID chip support	EPC C1G2, ISO 18000-6C EPC Gen2v2, ISO 18000-63
Antenna	Internal
RF output power	0-27 dBm
Dimensions of housing	126 x 85 x 36 mm
Material of housing	Plastic
Installation method	Mounting plate (VM)
Colour	Black
Protection class	IP67 (pigtail cable), IP54 (connector)
Customized versions	Yes, with sticker
Operational temperature range	-35 °C to +55 °C
Storage temperature range	-40 °C to +85 °C
Outputs	yes, 2 outputs
Inputs	yes, 1 input
RS-232	yes, configurable
Wiegand	yes, configurable
OSDP	v2.1.7
EMC	ETSI EN 301 489-1, ETSI EN 301 489-03
Frequency allocation	ETSI 302 208
Cable	3m 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