

EPC 2.0



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305 x 305 x 70 mm

Product features

- Vehicle identification at distance; a single robust and durable reader (for harsh, inclement outdoor settings) paired with an external antenna will handle both your incoming and outgoing traffic
- Anti-collision, reads several tags simultaneously
- Adjustable read range
- Works with encrypted Gen2V2 passive UHF transponders
- Supports vehicle and door entry on same card



Electrical specifications

Operating frequency	865-868 MHz (other frequencies upon request)
Voltage	12..30 VDC (nominal 24VDC)
Power consumption	0,5 A @ 24 V
Antenna	Internal
External antenna	Yes, purchased separately. SMA connector for external antenna connection.
Antenna polarization	Circular polarization
RF output power	0-25.65 dBm

Supported card technologies

RFID chip support	EPC C1G2, ISO 18000-6C; EPC Gen2v2, ISO 18000-63
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Mechanical specifications

Housing material	Aluminium/plastic
Installation method	Adaptable mounting kit
Cable	LIYY
Cable length	5 m
Colour	White
Protection class	IP67

Environmental specifications

Operational temperature range	-40 C° - +55 C°
Storage temperature range	-40 C° - +85 C°

Interface specifications

Available interfaces	Wiegand (configurable), RS-232 (configurable), OSDP v2, Ethernet (on demand)
Inputs / Outputs	2 outputs, 1 input

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Standards and regulations

EMC	ETSI EN 301 489-1, ETSI EN 301 489-03
Frequency allocation	ETSI 302 208
Encryption	With class 1 generation 2 version 2 transponders

Other features

LED	Three-colour LED
Buzzer and buzzer control	Yes, buzzer control by wire
Configuration	By card or via RS232
Read ranges	Depends on tag type (please read detailed tag / card specifications in EPC Tags Datasheet)

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19.6.2024. C00802E v.1.04.

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