

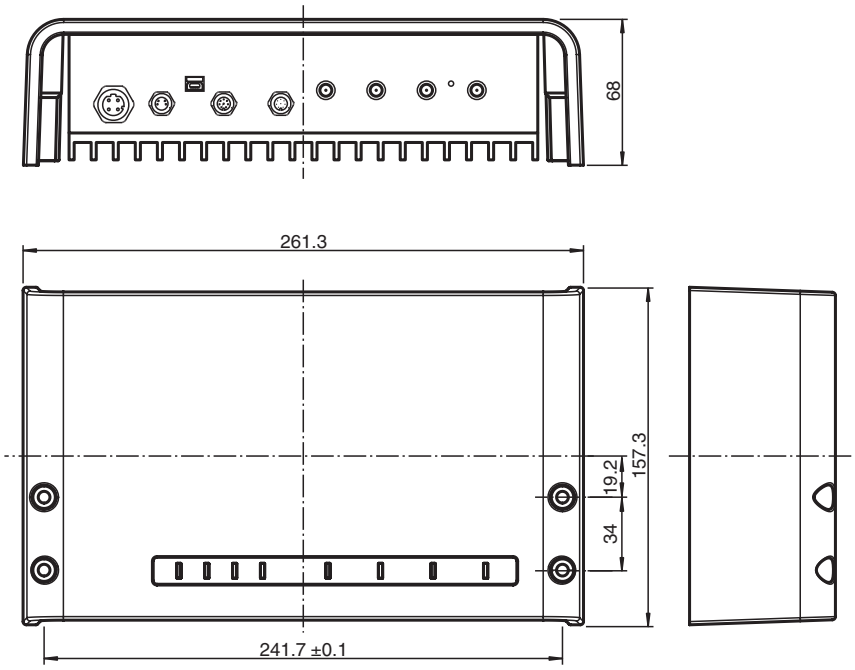
RFID read/write device

IUR-F800-V1D-4A-FR1-01

- Integrated multiplexer
- Multi-tag reading of up to 200 tags increases productivity
- Sturdy housing, suitable for rough industrial use

RFID read/write device UHF for connecting external antennas, Europe

Dimensions



Technical Data

General specifications		
Operating frequency		865 … 868 MHz: EU, Turkey Transmission licenses for other countries on request
Nominal ratings		
Power Output		100 mW … 2 W adjustable in 100 mW increments
Indicators/operating means		
LED indication		16 LEDs for displaying the operating and antenna status
Electrical specifications		
Operating voltage	U_B	24 V DC ± 20 %
Power consumption	P_0	24 VA

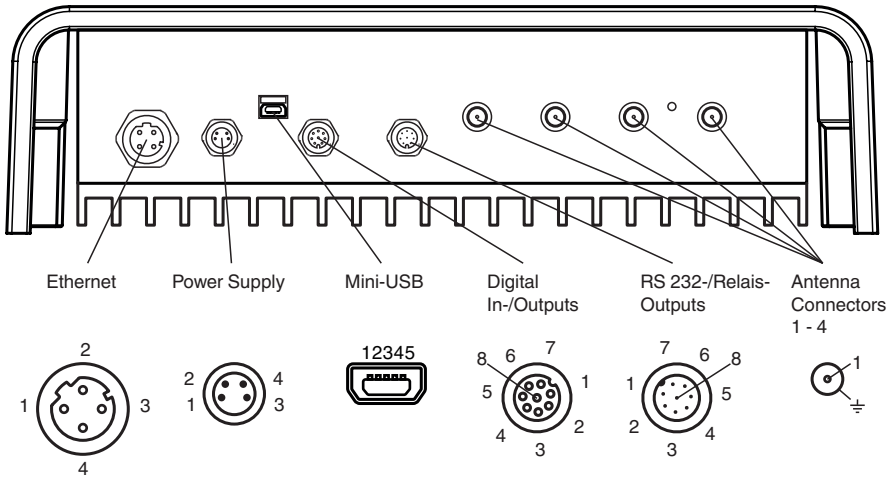
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Technical Data

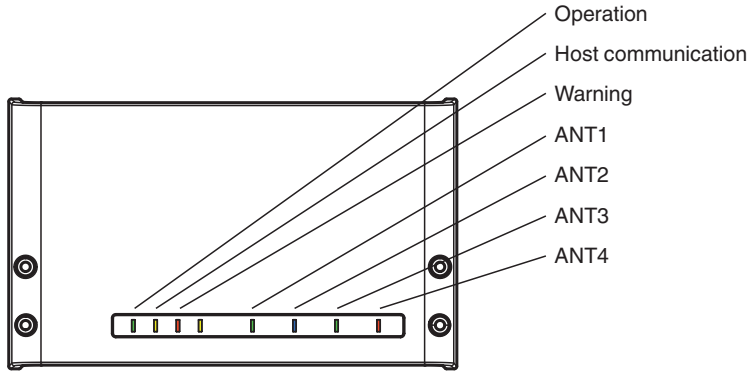
Interface	
Interface type	RS-232, Ethernet, USB (On-The-Go), Wiegand (Scan Mode Interface)
Inputs	
Connection	M8 connector, 8-pin
Input type	Optocoupler
Number of inputs	2
Input voltage	24 V DC
Input current	20 mA
Outputs	
Connection	M8 connector, 8-pin
Output type	2 x optocouplers, 2 x relays
Number of outputs	4
Output voltage	24 V DC
Output current	Optocoupler: 20 mA Relay: 1 A switching current, 2 A continuous load
Directive conformity	
Radio equipment	
Directive 2014/53/EU	EN 301489-1 EN 301489-3 EN 302208 EN 62368-1 EN 50364
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000
Standard conformity	
Degree of protection	IEC 60529
RFID	ISO/IEC 18000-63
Ambient conditions	
Ambient temperature	-40 ... 70 °C (-40 ... 158 °F)
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)
Climatic conditions	Air humidity 5 ... 95 % , noncondensing
Shock and impact resistance	Vibration (sine): 1 g, 10–150 Hz according to EN 60068-2-6 Shock (half-sine): 30 g according to EN 60068-2-27
Mechanical specifications	
Degree of protection	IP53
Connection	Inputs/outputs: M8 connector, 8-pin Relay, RS-232: M8 connector, 8-pin Ethernet: M12 plug connection Voltage supply: M8 connector, 4-pin External antennas: 4 SMA sockets, 50 Ω USB interface: mini-USB socket
Material	
Housing	powder coated aluminum
Mass	approx. 1800 g
Dimensions	
Height	157 mm
Width	260 mm
Length	68 mm

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Connection



Indication



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