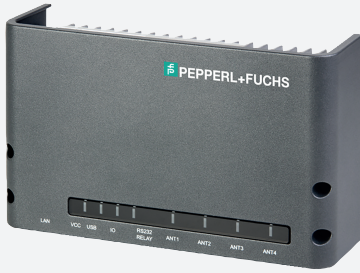


RFID read/write device

IUR-F800-V1D-4A-FR2-02

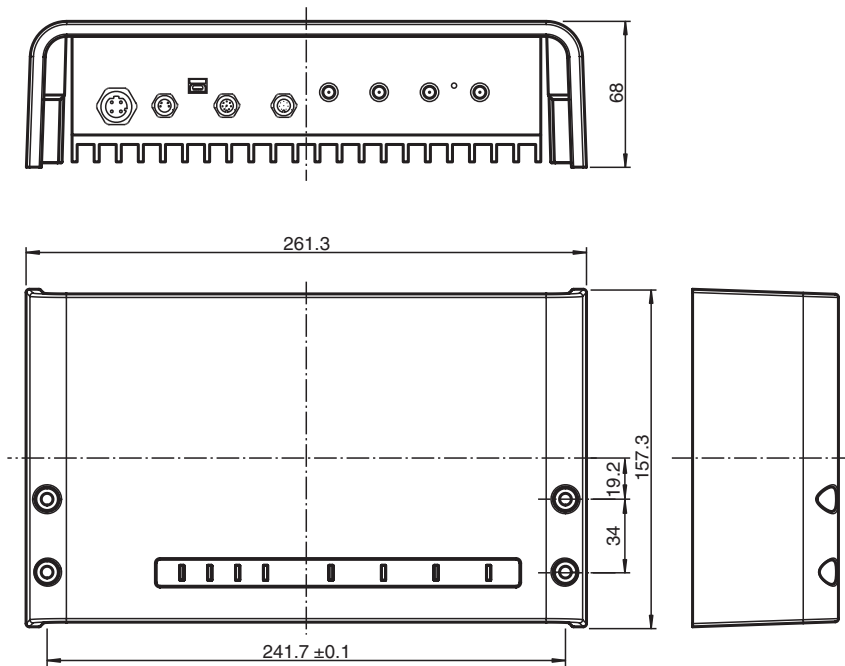


- Integrated multiplexer
- Multi-tag reading of up to 200 tags increases productivity
- Sturdy housing, suitable for rough industrial use

RFID read/write device UHF for connecting external antennas, USA and Canada



Dimensions



Technical Data

General specifications

Operating frequency 902 ... 928 MHz: USA, Canada
Transmission licenses for other countries on request

Nominal ratings

Power Output 100 mW ... 1 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 \pm 20 %
Power consumption	P_0	24 VA

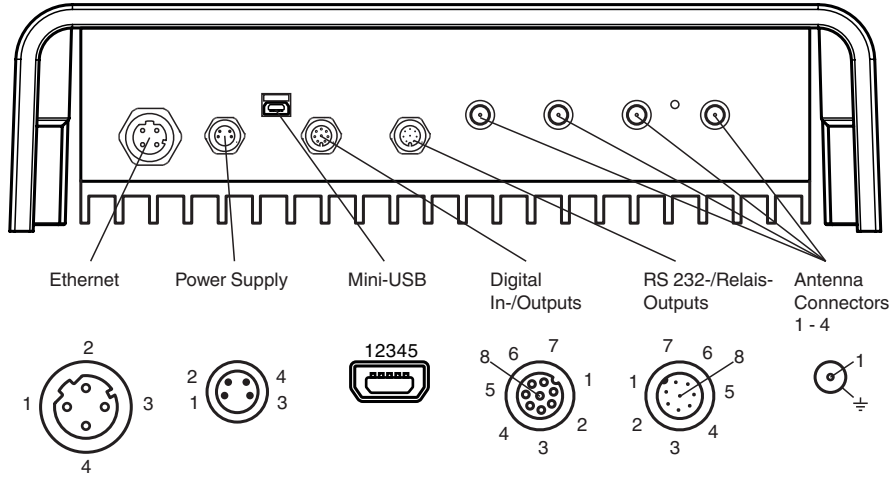
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Technical Data

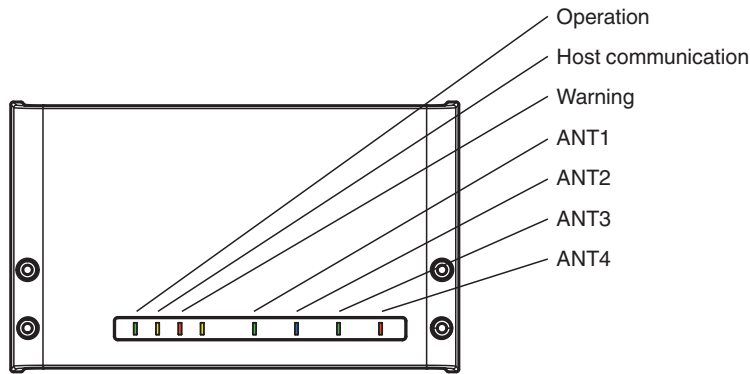
Interface	
Interface type	RS-232, Ethernet, USB (On-The-Go), Wiegand (Scan Mode Interface)
Inputs	
Connection	M8 connector, 8-pin
Input type	Optocoupler
Number of inputs	2
Input voltage	24 V DC
Input current	20 mA
Outputs	
Connection	M8 connector, 8-pin
Output type	2 x optocouplers, 2 x relays
Number of outputs	4
Output voltage	24 V DC
Output current	Optocoupler: 20 mA Relay: 1 A switching current, 2 A continuous load
Standard conformity	
Degree of protection	IEC 60529
RFID	ISO/IEC 18000-63
Approvals and certificates	
FCC approval	This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
IC approval	This device complies with Industry Canada licence-exempt RSS standard(s) and with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
Radio approval	USA: FCC IREIURF800 Canada: IC 7037A-IURF800
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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