



RFID RFI641 / Long Range

RFI641-0422



Model Name > [RFI641-0422](#)
Part No. > [6034315](#)



At a glance

- Connections for up to 4 antennas
- Flexible data interfaces (Ethernet, RS-232)
- Programmable digital inputs and outputs
- Integrated Linux operating system with web server functionality
- 2 watts of transmission power, up to 5 m range

Your benefits

- Meets global standards
- Integrated application-specific software, saves commissioning time
- Data can be filtered in the device, minimizes the need for external hardware, streamlining data processing
- Flexible data output format for easy use
- Programmable digital inputs for trigger control
- The digital switching outputs ensure direct process control

The product has been discontinued. Please follow the "replacement product" link for information about alternative products.



Features

Product category:	Interrogator (write/read unit)
Frequency band:	UHF (860 ... 960 MHz)
Carrier frequency:	860 MHz ... 960 MHz, Europe and USA
Version:	Long Range
Variant:	Base
Output power:	2 W
RFID standard:	EPC Gen2, ISO/IEC 18000-6 C
Scanning range:	Typ. 5 m
Multiplexer:	4 antenna connections, Integrated
Further functions:	Diagnosis, Updatable firmware, Remote control, Triggering

Interfaces

Serial (RS-232):	✓
Data transmission rate (Serial (RS-232)):	1,200 Baud ... 115,200 kBaud

Protocol (Serial (RS-232)):	STX/ETX
Ethernet:	✓
Protocol (Ethernet):	TCP/IP, STX/ETX
CAN bus:	-
PROFIBUS DP:	-
PROFINET:	-
DeviceNet:	-
Switching inputs:	4
Switching outputs:	4
Optical indicators:	6 LEDs (4 in the device cover and 2 on the Ethernet connection)

Mechanics/electronics

Operating voltage:	115 V AC ... 230 V AC
Power consumption:	60 W, when switching outputs are not connected
Housing:	Aluminum
Housing color:	Light blue (RAL 5012)
Enclosure rating:	IP 40
Protection class:	III
Weight:	2.95 kg
Dimensions:	220 mm x 342 mm x 56 mm

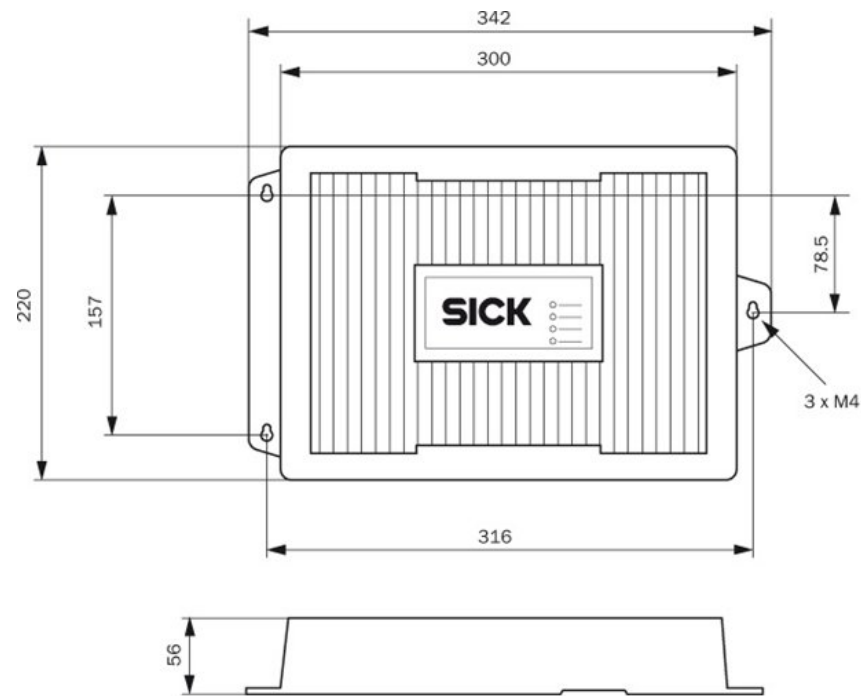
Ambient data

Radio equipment type approval:	Europe (EN 302 208), North America (FCC Part 15)
Ambient operating temperature:	-20 °C ... 60 °C
Permissible relative humidity:	± 95 %, non-condensing

General notes

Life cycle phase:	Phased out
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Dimensional drawing



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