

USB Encoder


 Controller
 Mid Range with
 integrated antenna

 Controller
 Mid Range
 with 1 antenna port

 Antenna
 Mid Range

 Controller
 Mid Range
 with 4 antenna ports

 Antenna
 Long Range
 Circular

 Antenna
 Long Range
 Linear

Supported Transponders

ISO 18000-6B	-	-	-	-	✓	✓	✓
ISO 18000-6C	✓	✓	✓	✓	✓	✓	✓
EPC Class1 Gen2	✓	✓	✓	✓	✓	✓	✓

Specification

Dimensions Controller	80 x 160 x 40mm	80 x 120 x 55mm 120 x 120 x 55mm (PB)	80 x 120 x 55mm 120 x 120 x 55mm (PB)	-	120 x 220 x 80mm	-	-
Antenna / Dimensions Antenna	Built in (4dBic)	Built in (4dBic)	Built in (4dBic)	130 x 130 x 40mm	External (4 channels)	250 x 250 x 50mm	250 x 250 x 50mm
Protection Class	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Temperature Range	-10 ... +65°C	-10 ... +65°C	-10 ... +65°C	-10 ... +65°C	-10 ... +65°C	-10 ... +65°C	-10 ... +65°C
Voltage Supply	USB	10 - 27V DC	10 - 27V DC	-	10 - 27V DC	-	-
3 LEDs + Buzzer	-	✓	✓	-	✓	-	-
Digital Input (opto isolated)	-	2	2	-	2	-	-
Digital Output (Relay)	-	2	2	-	2	-	-
Reading / Writing Distance	Up to 15cm	Up to 3m	Up to 3m	Up to 3m	Up to 10m	Up to 10m	Up to 10m
Frequency	865 - 915MHz	865 - 915MHz	865 - 915MHz	865 - 870MHz	860 - 960MHz	860 - 960MHz	860 - 960MHz
Dense Reader Mode	✓	✓	✓	✓	✓	✓	✓
Anticollision	✓	✓	✓	✓	✓	✓	✓
Transmit Power	20dBm (SW adjust.)	27dBm (SW adjust.)	27dBm (SW adjust.)	-	33dBm (SW adjust.)	-	-
Antenna Gain	-	-	-	4dBic	-	7dBic	7dBic
Certification	CE	CE	CE	CE	CE	CE	CE
Interface Options	USB	RS232 / RS485 Ethernet, Profibus, CAN Bus	RS232 / RS485 Ethernet, Profibus, CAN Bus	SMA + cable 1,5m	RS232 / RS485 Ethernet, Profibus, CAN Bus	SMA + cable 3m	SMA + cable 3m

Order Codes (EU versions)

R-IN-UHF-DT-USB	R-IN-UHF-IA-232	R-IN-UHF-MR-232	R-IN-UHF-MR-A3	R-IN-UHF-LR-4A-232	R-IN-UHF-LR-A1	R-IN-UHF-LR-A2
	R-IN-UHF-IA-ET	R-IN-UHF-MR-ET		R-IN-UHF-LR-4A-ET		
	R-IN-UHF-IA-PB	R-IN-UHF-MR-PB		R-IN-UHF-LR-4A-PB		

**Antenna Long Range
High Gain**

Supported Transponders

ISO 18000-6B	<input checked="" type="checkbox"/>
ISO 18000-6C	<input checked="" type="checkbox"/>
EPC Class1 Gen2	<input checked="" type="checkbox"/>

Specification

Dimensions Controller	-
Antenna / Dimensions Antenna	650 x 320 x 40mm
Protection Class	IP65
Temperature Range	-10 .. +65°C
Voltage Supply	-
3 LEDs + Buzzer	-
Digital Input (opto isolated)	-
Digital Output (Relay)	-
Reading / Writing Distance	Up to 10m
Frequency	865 - 870MHz
Dense Reader Mode	<input checked="" type="checkbox"/>
Anticollision	<input checked="" type="checkbox"/>
Transmit Power	<input checked="" type="checkbox"/>
Antenna Gain	11dBic
Certification	CE
Interface Options	SMA + cable 3m

Order Codes (EU versions)

R-IN-UHF-LR-A4R
R-IN-UHF-LR-A4L

Evaluation Gate Access Control Gate Portal

Supported Transponders

ISO 18000-6B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ISO 18000-6C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EPC Class1 Gen2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Specification

Dimensions	200 x 40 x 15cm	155 x 50 x 6cm	200 x 80 x 27cm
Protection Class	-	-	IP54
Temperature Range	-10 ... +65°C	-10 ... +65°C	-10 ... +65°C
Voltage Supply	10 - 27V DC	10 - 27V DC	10 - 27V DC
Built In Controller	Controller Long Range with 4 antenna ports	Controller Long Range with 4 antenna ports	Controller Long Range with 4 antenna ports
Antenna Type	Circular Antennas 7dBic (4pcs.)	Circular Antennas 7dBic (4pcs.)	Circular Antennas 11dBic (4pcs.)
Enclosure	2 x Stands	2 x Aluminium Frame with Plexiglas	2 x Metal Frames with Glassdoor
Signals	-	2 x LEDs + 2 x Buzzer	1 x Signal light
BLUEBOX Connection Kit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Portal Clearance	Up to 5m	Up to 5m	Up to 5m
Frequency	860 - 960 Mhz	860 - 960 Mhz	860 - 960 Mhz
Transmit Power	33dBm (SW adjust.)	33dBm (SW adjust.)	33dBm (SW adjust.)
Interface Options	RS232 / RS485 Ethernet	RS232 / RS485 Ethernet	Ethernet
Options		Photocells	Photocells

Order Codes

R-IN-UHF-LR-EG-232 R-IN-UHF-LR-AG-232 R-IN-UHF-LR-PG-ET
R-IN-UHF-LR-EG-ET R-IN-UHF-LR-AG-ET