



UHF RFID Long Range Reader
Ha-VIS RFID RF-R500-p-EU

Technical characteristics

Antenna connection	4x SMA connector (50 Ohm); reader internally multiplexed
Transmitting Power	max. 4 W / max. 1 W in PoE mode
Frequency area	865 MHz ... 870 MHz
Radio license	EN 302 208
Supply voltage on antenna outputs	24 V DC / 200 mA
Inputs	5 optocoupler (max. 24 V DC / 20 mA)
Outputs	<ul style="list-style-type: none"> • 2 optocoupler (24 V DC / 30 mA) • 3 relays (24 V DC / 1 A)
Bulk-Read capability	> 150 transponders/sec
Max. Operating Distance	Up to 16 m, depending on kind of transponder & environmental conditions
Power supply	+24 V DC ($\pm 5\%$) / Power over Ethernet (PoE)
Current consumption	max. 2 A
Dimensions (W x H x D)	260 x 157 x 70 mm
Weight	2000 g
Degree of protection acc. to DIN 60 529	IP64 (with protection cap) / IP53 (without protection cap)
Operating temperature	-25 °C ... +50 °C

Identification	Part number	Drawing	Dimensions in mm
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UHF RFID long range Reader
Ha-VIS RFID RF-R500-p-EU
4 W transmission power
with PoE

EU version

20 91 104 1101

