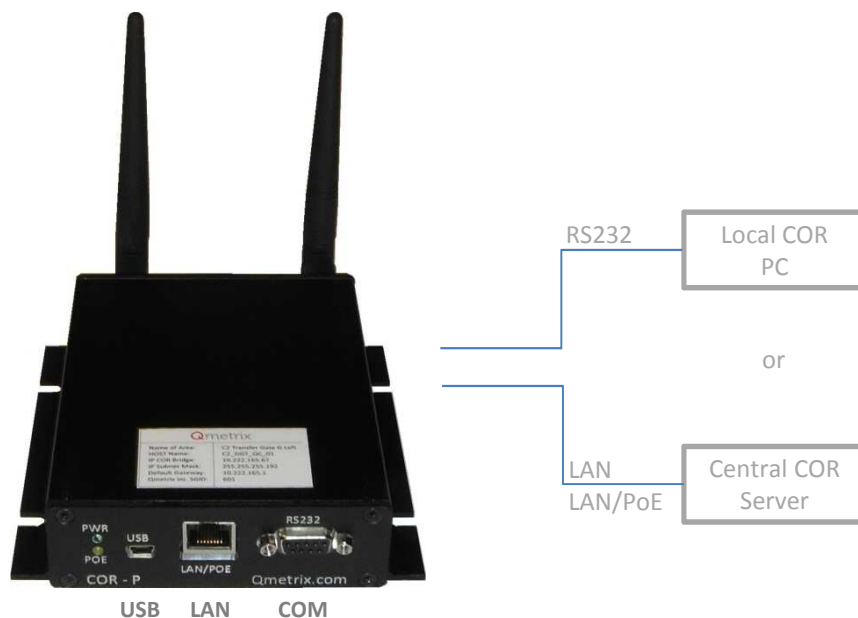


Coordinator ZigBee® Access Point

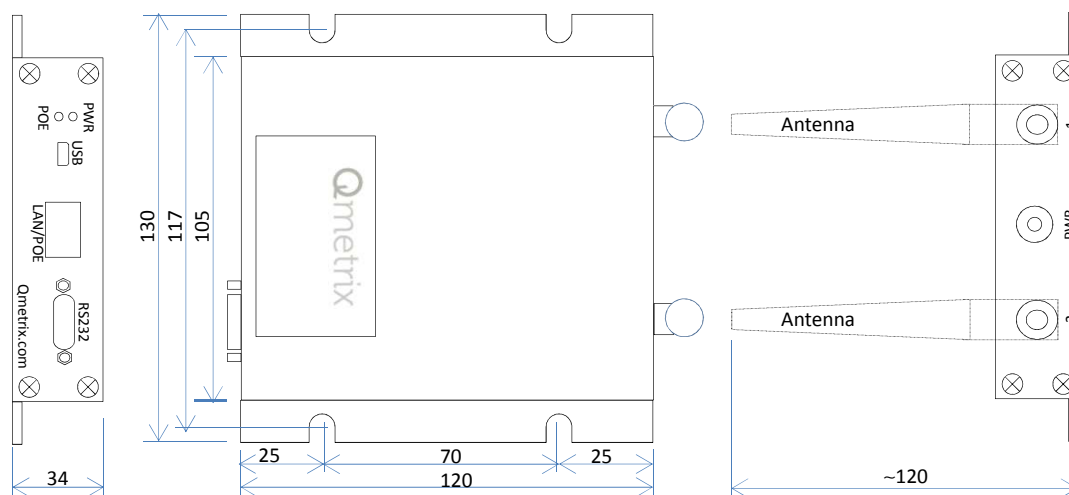
COR P/L/S DATA SHEET



› PHYSICAL CHARACTERISTICS	Width	120mm
	Length	76mm
	Height	30mm
	Weight	100g
› ELECTRICAL CHARACTERISTICS	Power	+5 V/500 mA or PoE
› Option P	Ethernet/Lan with PoE Power over Ethernet Complies with IEEE 802.3af (spare pairs or data pairs)	
› Option L	Ethernet/Lan + wall power adapter	
› Option S	RS232 Serial Com Port + power via USB max 15m supportet	
	available ports may change with option	
› ZigBee® Port	ZigBee® Network Port 2,4 GHz	
› Mounting options	Slide-in screw mounting brackets with slots	



COR DATA SHEET



› RADIO PARAMETERS

Standard	ZigBee® 2.4 GHz IEEE 802.15.4
Antenna	Mini helical SMA antenna w 90° joint
Frequency Band	2.4000 to 2.4835 GHz
Mid Frequency of channel	2405 + 5 (ch-11) MHz
Number of channels	16 (11 – 26)
Channel Spacing	5 MHz,
Bandwith	2,8 MHz at -20 dB
Transmitter Output Power	Adjustable in 16 steps -17 to +3 dBm
On-Air Data Rate	250 kbps
Antenna Gain	Gain of appr. 0 dBi
High RX Sensibility	Appr. -101 dBm
Distance	Appr. 20-40m
CE Compliance	Radio module complies with the FCC (Part 15), IC and ETSI (CE) rules applicable to the device radiating in uncontrolled environment. It fully satisfies the requirement of the "Directive 2002/95/EC of the European Parliament and the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment" (RoHS)

Specifications can be chanaed without notice

› Qmetrix Contact

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