

LotTrack Controller G4 – Datasheet – Technical Specifications

- Type NA
- Type EU

Timebase	
TCXO	25 MHz
Frequency tolerance	± 2.5 ppm
ETH IN / PoE	
Connector	RJ45, 8P8C
Ethernet	10/100, Full Duplex, Auto-MDIX
Power	PoE, IEEE 802.3af, 3 W
Pluggable terminal block 4 pin	
Connector	Terminal block 4 pin
Power	24V DC, 2 W (Pin +24V, Pin GND)
Sync Interface	RS485 (Pin A, Pin B)
PWR IN / SYNC IN	
Connector	RJ12 / RJ25, 6P6C
Power	24V DC, 2 W
Sync Interface	RS485
ETH OUT	
Connector	RJ45, 8P8C
Ethernet	10/100, Full Duplex, Auto-MDIX
US BUS	US = Ultrasound
Connector	RJ12 / RJ25, 6P6C
Interface	RS485
PWR OUT / SYNC OUT	
Connector	RJ12 / RJ25, 6P6C
Power source	24V DC
Sync Interface	RS485
US1, US2, US3	US = Ultrasound
Connector	RJ9 / RJ10 / RJ22, 4P4C
Interface	H-Bridge
US Frequency	40 kHz
Power	
Supply type	PoE or 24V DC
If DC and with US: nominal voltage	24 V
If DC and no US: voltage Range	10 – 30 V

Power per Controller G4 (without external devices)	2 W, if 24VDC 3 W, if PoE
Indicators	
LEDs	6x RGB LEDs
Ethernet LEDs	2x 2 LEDs
Physical	
Dimension	300 mm x 63 mm x 36 mm
Weight	Approx. 340 g
Environment	
Operating temperature	10 °C ... 40 °C
Storage temperature	0 °C ... 50 °C
Enclosure Rating	IP 20
Internal UHF Antenna 1, Internal UHF Antenna 2	
Antenna Type	RHCP
Modulation	GFSK
Output power	To be done / measured Transceiver config possible: [-30 dBm ... +14 dBm] Europa: 25 mW? USA: Max. 94 dBµV/m @3m
Frequency band Europe, Type EU	867.2 – 869.85 MHz
Frequency band USA Type NA	919.2 – 920.8 MHz

Remark: The Controller G4 does support simultaneous transmission for the Internal UHF Antenna 1 and 2.