

CS5111LP RTLS RFID Reader/Anchor



Product Profile:

CS5111LP is a low power consumption member of the CSL RTLS RFID reader/anchor family. This family consists of Real Time Location reader that can provide up to +/- 1 meter location resolution.



Features:

- +/- 1 meter location resolution
- Low power consumption – can be powered by external 12V or 24 V battery
- Long read range
- Programmable LED
- Best location accuracy at lowest overall system cost in the industry

Specifications:

Physical Characteristics:	Sealed enclosure: 29 cm x 22.2 cm x 6.5 cm; Weight 2 Kg
Mounting:	4 mounting holes at corners for screw mounting onto surface, mounting fixture for wall mounting, ceiling mounting, table mounting, shelf mounting available
Read Range:	Up to 100 meters
Frequency Range:	2400-2483 MHz ISM license-free band
Environment:	Operating Temp: -40°C to 65°C (-40°F to 149°F) Storage Temp: -40°C to 85°C (-40°F to 185°F) Humidity: 0% to 95% RH non-condensing
Technology:	CHIRP
Output RF Power:	10 dBm EIRP
Antenna:	Embedded 12 dBi patch antenna
Ranging Method:	Time Of Arrival (TOA)
Ranging Accuracy:	+/- 1 meter
Protocol:	CSL RTLS Protocol, orderly inventory method to handle large tag population
Display:	LED x 2, Power and Signal
Power Requirement:	12 Volt DC, 50 mA; actual supply can range from 5 VDC to 24 VDC, can be operated using battery, battery low detect value needs to be software configured.
Order Code:	CS5111LP

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