

CS5113LP RTLS RFID Reader/Anchor with Ethernet



Product Profile:

CS5113LP is a low power consumption and Ethernet enabled 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. CS5113 is also the “Master” anchor whereas it manages the tag population in the cell.



Features:

- +/- 1 meter location resolution
- Low power consumption – can be powered by external 12V or 24V battery
- Long read range
- Ethernet connectivity with Power Over Ethernet (POE)
- 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
Network Connectivity	Ethernet, POE (Power Over Ethernet)
Protocol:	CSL RTLS Protocol, orderly inventory method to handle large tag population
Display:	LED x 2, Power and Signal
Power Requirement:	2 methods, auto-select: 1. 5 VDC – 24 VDC supply, at 12 VDC, 100 mA; can be operated using battery, battery low detect value needs to be software configured 2. POE
Order Code:	CS5113LP

CHUNG NAM BUILDING,

12th Floor,

No. 1 Lockhart Road,

Wanchai

Hong Kong

TEL: (852) 25293008

FAX: (852) 26832018

WEBSITE:

www.convergence.com.hk