POLMON
Measure. Control. Automate.

RS485-Wireless Converter

CN60C-R



CN60C-F



The POLMON RS485-Wireless Converter is a perfect solution for a wide range of applications where Instrument having MODBUS output and the data need to transmit on Wireless. We can replace the wired data logging system with wireless data logging and save the cabling cost. The communication range is 500 meters line of sight. We can extend up to 1km using repeater.

Features

- Wired Communication to Wireless Communication conversion
- Data logging interval 1 minute
- Data logging of 104576 records (728 days with 1min logging interval)
- Easy to install
- Flame Proof Enclosure for Zone1, Zone2 Gas Gr.IIA, IIB
- Saving the cable cost
- Coverage Range up to 500m Line of Sight

Applications

- Pharmaceutical industry
- Warehouse
- Factory

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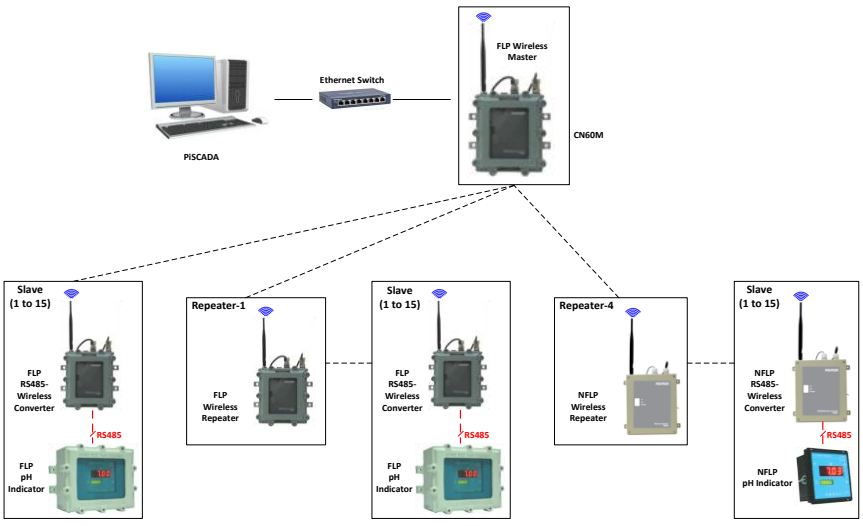
Network Architecture

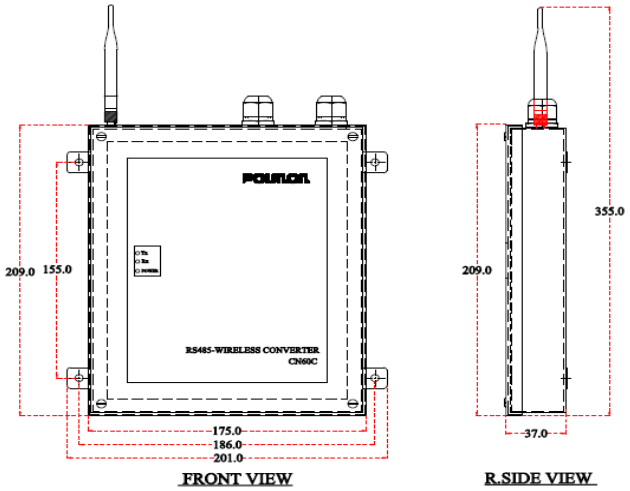


Specifications

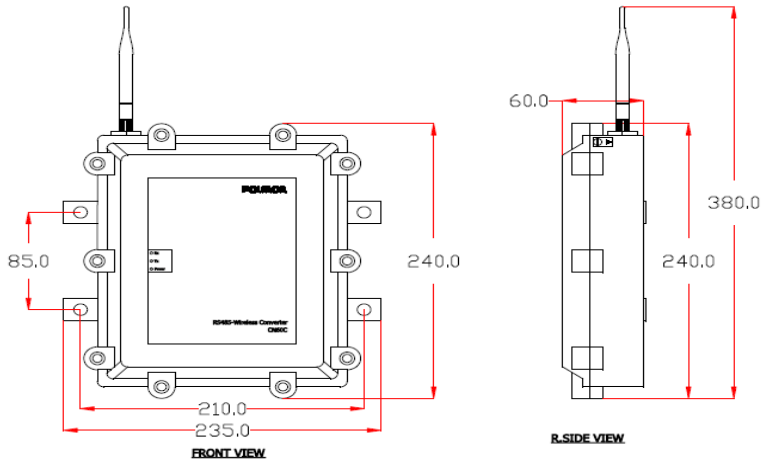
Technical		
Model No	CN60C-R-1-X	CN60C-F-1-X
Application	RS485 to wireless Converter	
Data Logging	1048576 Records i.e. 728 days with 1 min Logging interval	
RF Communication		
Frequency	865MHz to 867MHz	
Distance	500 Meters Line of Sight	
Antenna Type	Dipole	
Antenna Fixing	Instrument Plug type SMA end	
RF Power Output	+27dBm (500mWattt)	
Power Supply		
Power supply	230 Volts AC 50 Hz, 10VA	
Physical		
Enclosure	MS Powder coated	Aluminium Alloy
Dimensions	201X209X37 mm	240X235X60 mm
Weight	1.0kgs (Approx)	3.0kgs (Approx)
Mounting	Wall Mounting	Wall Mounting
Cable Entries	PG9 Glands-2No's	½" ET Glands-2No's
Cable Glands	Included	To be order separately
Cable Specifications	Power Supply: PVC Insulated 1Sq mm x 3 core Armored cable Ethernet Cable: Cat6 Armored shielded Cable	
Environmental		
Operating Temperature	10 - 60°C	
Humidity	10-95%RH, Non-Condensing	

Ordering Information for CN60C			
CN60C	**X**	**X**	**X**
Model No.	*Enclosure Type*	*Communication*	*Future Use*
CN60C	F-FLP	1- RS485 + Wireless	X
	R-NFLP		

Mechanical Drawing for CN60C-R



Mechanical Drawing for CN60C-F



Head Office: POLMON INSTRUMENTS PVT.LTD
(AN ISO 9001: 2015 Certified Company)
"POLMON HOUSE" Nizampet Road, Kukatpally, Hyderabad–500085
Ph No: 040-23053046, 23057308
e-mail: polmon@polmon.com URL: www.polmon.com

All specifications are subject to change without notice.

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