

Wi-Fi Communication Module



WiFi Module is an internal data logger in the Chint Power Systems PV monitoring series.

By connecting with inverter through RS232/RS485 interface (DB9 port), the WiFi Module can collect information of PV systems from inverter. With the integrated WiFi function, the WiFi Module can connect to router and transmit data to the web server, realizing remote monitoring for users.

Users can check the runtime status of the device by checking the 3 LEDs on the module, Users can also upgrade the inverter firmware and setting parameters through web portal which connected by WiFi module.

- Supporting remote operation and maintenance functions including remote upgrading, parameter setting.
- Supporting direct connection configuration with APP, quickly and easily.
- Plug and play, quick installation.

Model Name	WiFi Module
General	
Supported device number	1
Display	LED*3
Configuration	APP
Communication	
RS485/RS232	1
WiFi	2.4GHz 802.11 b / g / n
Power	
Input Voltage	5Vdc
Power Consumption	2W
Environmental	
Operating Temperature	-20°C to +65°C
Working Humidity	≤95%
Protection class	IP65
Mechanical Parameters	
Dimensions (W * H * D)	45mm * 80mm * 25mm
Installation	Plug-in type

Chint Power Smart COMBOX



Features

- Comply with all Chint Power inverters
- Pre-configured for Plug & Play
- Capability with Chint Power O&M platform
- Hardware mounted and pre-wired
- IP65 rated enclosure
- Support local real-time monitoring

Chint Power communication box integrated multi-functional data collector and suitable for C&I and Power Station systems at different voltage levels. With the function of physical channel conversion, communication protocol conversion, it can meet the requirements of serial inverters data collector, such as Modbus acquisition, Modbus configuration visualization, inverter software batch upgrade and other services.

The data acquisition can support various protocol and it can connect various devices from different manufactures to the background monitoring management platform through Ethernet(IEC104, TCP), RS232 and RS485. Meanwhile it has DI, DO, AI, AO and PT100 connectors for multiple application.

Technical Data

Environment Data	
Operating Temperature	-30°C ~ 70°C
Ambient Humidity	5%~95%,Non-condensing
Storage Temperature	-40°C ~ 85°C
Altitude	≤4000m
Ingress Protection	IP65
Product Parameters	
Product Description	Including: Data Collector, Converter, Air Circuit Breaker Support: Ethernet(Standard), 4G(Optional)
Electric Parameters	
AC Input	100~240Vac, 50/60Hz
AC-PLC Voltage	380V~800Vac, Three-phase
Communication Interface	
RS232	2*50~115.2Kbps
RS485	4*50~115.2Kbps
Ethernet	2*10M/100M/1000Mbps
Digital / Analog Input / Output	DI*8, DO*4, AI*4, AO*1
PT100	2
Communication Protocol	
Ethernet	Modbus-TCP, IEC 60870-5-104
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645
Mechanical Parameters	
Dimensions (W*H*D)	550mm*620mm*260mm
Weight	10Kg