




### iSMART

Industrial System Monitoring Autonomous Remote Terminal unit is a ¼ DIN panel mountable stand alone powerful controller capable of simultaneously controlling 2/4 loops. It is capable of acquiring and processing, Analog Input, Digital Input, Digital Output and Analog Output. It is equipped with powerful communication mechanisms such as IEEE 802.11b (Wi-Fi), high speed USB interface, IEEE802.3 10/100Mbps Ethernet interface and configurable RS232 / RS485.

### iSMART

Embeds  to augment the system for Real Time applications. It is capable of capturing and processing the real time plant parameters.

### FEATURES

- ✧ 96 x 96 x 120 mm DIN Panel mountable Compact design
- ✧ New generation Web Based HMI interface compatibility
- ✧ Single 24V power supply operation
- ✧ 5 bit configurable and unique Module ID
- ✧ Embeds High-performance 32-bit RISC Processor
- ✧ Embedded FreeRTOS

### COMMUNICATION INTERFACES

- ✧ Two configurable RS232 / RS485
- ✧ One Ethernet MAC 10/100 base-T Compatible with IEEE 802.3
- ✧ One USB 2.0 Full Speed (12 Mbits per second) Device Port
- ✧ IEEE 802.11 b/g Wi-Fi interface
- ✧ Supports Modbus TCP

### USER INTERFACE

- ✧ Built-in 16 X 2 LCD Display
- ✧ 8 Keys for control operation
- ✧ Bar graph LED indication
- ✧ Embedded Web server

### FIELD SIGNALS

Signals	iSMART 211	iSMART 411	iSMART 062
Analog Input	8 Nos (6 Fully Isolated)	8 Nos (6 Fully Isolated)	Nil
Analog Output	2 Nos (4-20mA)	4 Nos (4-20mA)	Nil
Digital Input	4 Nos	4 Nos	48 Nos
Digital Output	4 Nos	Nil	16 Nos
Configurable DI/DO	8 Nos	8 Nos	Nil