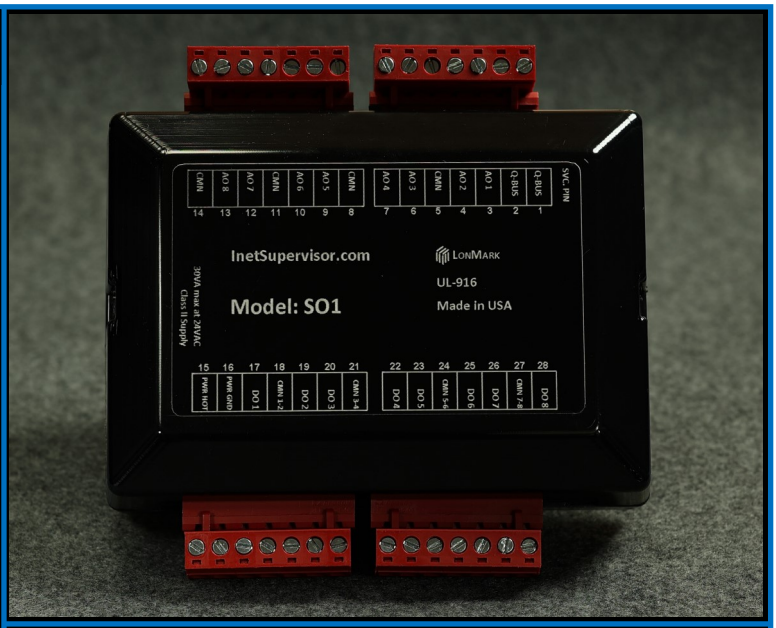
InetSupervisor™

SO1 Programmable Controller

Multi-Protocol: BACnet/IP and LonWorks

APPLICATIONS

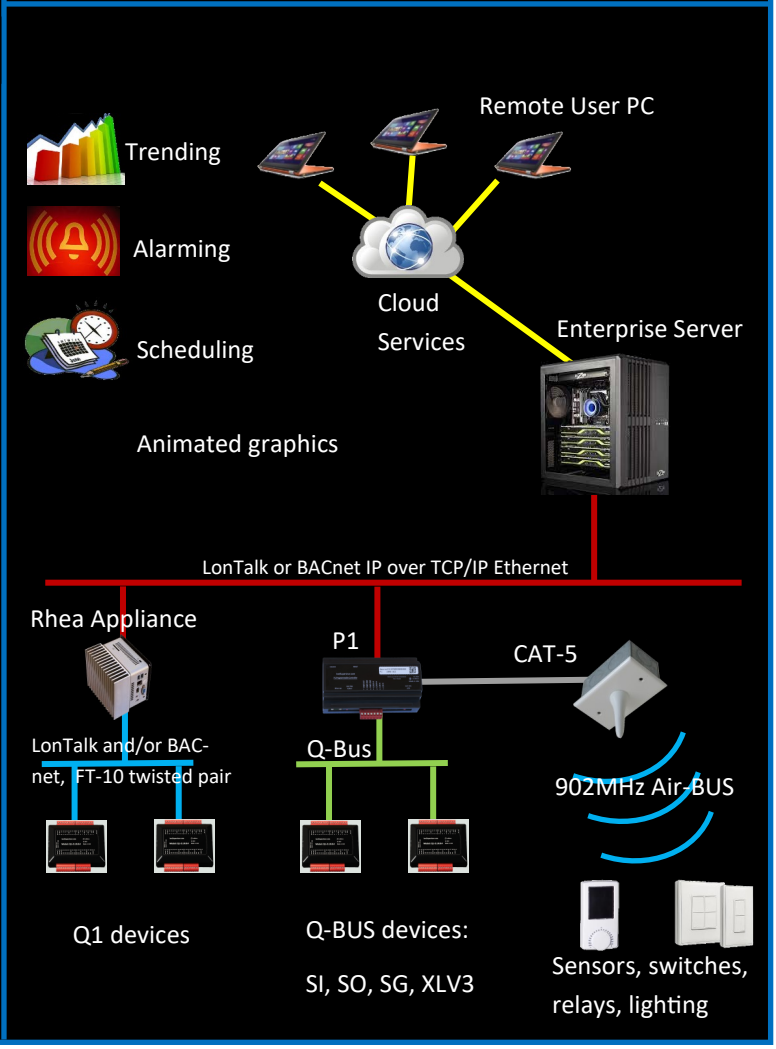
- HVAC automation
- Industrial automation
- Lighting automation



OVERVIEW

The S Series are microprocessor based programmable controllers designed to control, optimize and improve energy efficiency of variety of equipment. All controller I/O are freely programmable with the InetSupervisor Portal app that is free to our customers. The SI1 uses Q-Bus a fully isolated transceiver for best in its class networking over twisted pair of wires. Q-Bus networks are polarity and topology free. The network utilizes open standard BACnet/IP protocol and is encrypted using FIPS grade algorithms.

SI1 features fast response time suitable for general building, lighting, and lite industrial automation. SI1 controllers can be connected on the Q-BUS sub network, recognized by the programmable host and made available automatically for graphical programming. There are no limits to program length or complexity other than device memory.



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MADE IN U. S. A.

I/O CONFIGURATION

Digital Outputs	8 x Digital
	Triac rated at 1A @ 24V AC, externally powered
Analog Outputs	8 x Analog, 20mA max at 30°C, 8bit resolution
	0 or 10VDC Digital / Binary
	0-10V DC adjustable , linear

STATUS LIGHTS

LED	
Device status GREEN	Pulsing green = Normal
	Off = No power or other fault
Service pin GREEN	OFF = Normal, running
	ON = No application

AGENCY APPROVALS

Safety Certifications	UL916 Energy Management Equipment CSA C22.2#205 Issue 1983/06/01 (R2009) Signal Equipment standard

WARRANTY

Standard 2-year warranty.

LonMark **UL916 RoHS** Intertek

MECHANICAL

Hardware	
Processor	FT-6050, 8bits, 80MHz
Memory	128k application memory
Transceiver	FTT-10; 78kbps
Indicators	Multicolor LED, power, status
Comm Ports	RJ11, LON
Power	
Supply Voltage	24VAC; 50/60Hz; Class II
Max	30VA
Typical	6VA plus peripherals
Fuse	1.85A auto-resettable
Enclosure	
Material	ABS/PC
Color	Black
Installation	35mm DIN
Connectors	Removable (RED)
Environment	
Temperature	0°-70°C (32°-158°F)
Humidity	0-90% non-condensing
Storage	-20°- 70°C (-4° - 158°F)