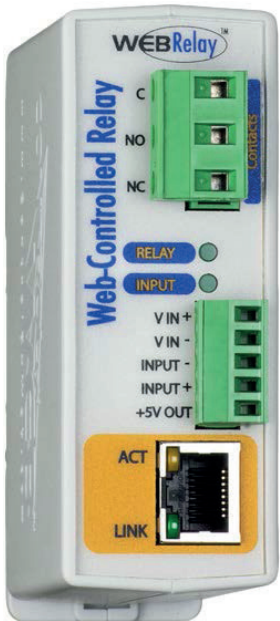2N

EXTERNAL IP RELAY
1 OUTPUT, 1 INPUT

WebRelay™ provides reliable remote relay control and discrete signal monitoring over any IP network. WebRelay can be used in countless applications, including pump and motor control, security lock systems, remote reboot, and lighting control. WebRelay's powerful and flexible design make imagination its only limit. In addition to its built-in relay, WebRelay has an optically-isolated input that can be used to monitor the state of devices, control the relay, or control a remote relay somewhere else on the network. This feature is useful to extend the output of a PLC to another building, or to allow a switch or sensor to control a device at a distant location.

ORDER NUMBER:

9137410E

FEATURES:

– No programming required.

– Full control using a standard web browser or textbased XML messages.

– Can operate as a Modbus TCP/IP slave.

– Password protected.

– 12-Amp relay contacts.

– On/Off and Pulse modes.

– Optically-isolated input can be used for:

– Monitoring

– Relay control

– Remote relay control (Peer to Peer)

– Automatic Reboot controller mode for remote reboot of computers and network devices.

– Selectable TCP ports.

– Two removable terminal connectors included.

– Rugged DIN-Rail/wall mountable enclosure.

– Two power supply options available: 9-28 VDC , Power-Over-Ethernet (802.3af) or 5VDC

Automatic Reboot Options

Relay Options

SHIFT BELL CONTROLLER

Computer

IP Network

WebRelay

*Bell
(device to be controlled)*

IP Network

*Bell
(device to be controlled)*

IP Network

*Bell
(device to be controlled)*
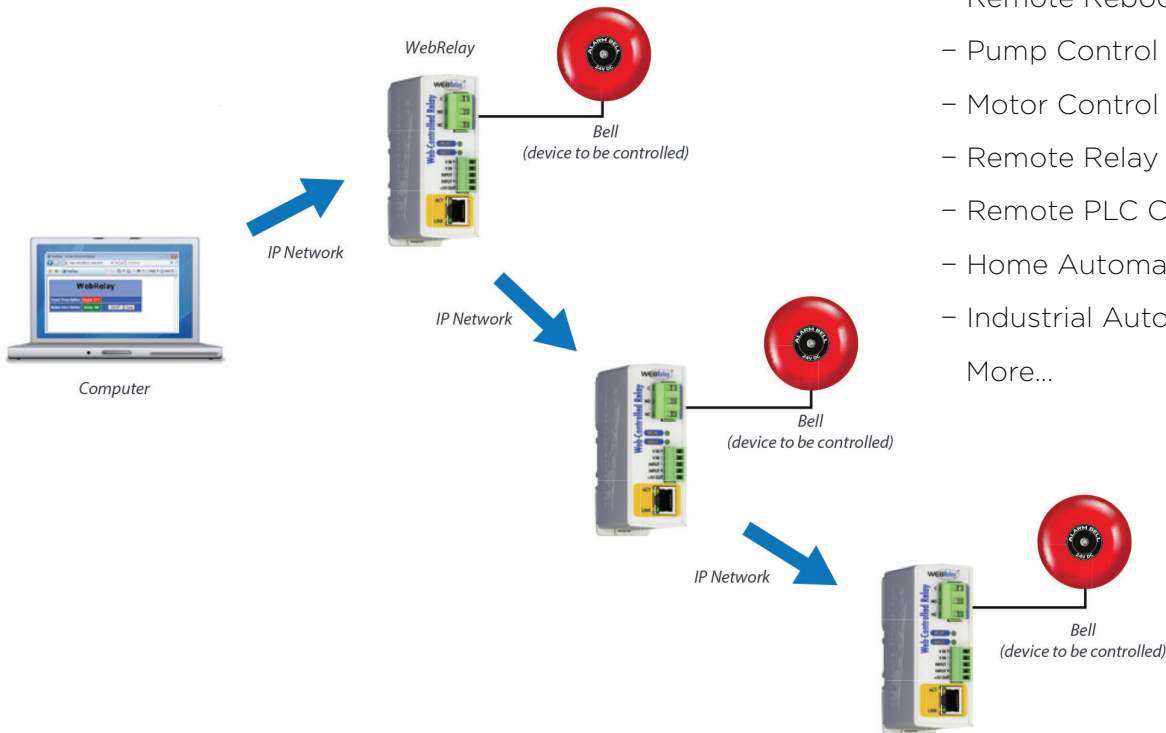
ADDITIONAL APPLICATIONS

– Remote Reboot

– Pump Control

– Motor Control

– Remote Relay

– Remote PLC Control

– Home Automation

– Industrial Automation

  More...

SPECIFICATION

POWER REQUIREMENTS	Voltage	X-WR-1R12-1I5-I: 9-28VDC
	Current	460mA Max
RELAYS	Number of Relays	1
	Max Voltage	240VAC, 30VDC
	Max Current	12A
	Contact Type	SPDT (Form 1C)
	Load Type	General Purpose
	Contact Resistance	< 30 milliohms initial
	Environmental Rating	Over voltage Category II, Pollution Degree 2
	Relay Modes	ON/OFF or Pulsed
	Pulse Timer Duration	0.1 to 86,400 Seconds (1-day)
DIGITAL INPUTS	Number of Inputs	1
	Type	Optically-Isolated
	Voltage Range	4-12VDC
	Current	4mA @ 4V, 16mA @ 12V
	Minimum Hold Time	62.5mS
	Input Isolation	1500V
	Input Functions	Monitor, Local Relay Control, Remote Relay Control
NETWORK	Type	10/100 Base-T Ethernet Port
	Setup	Static IP address assignment. TCP port selectable
CONNECTORS	Power/Input	5-Position Removable
	Relays/Inputs	3-Position Removable
	Network	8-pin RJ-45
LED INDICATORS	Number of LEDs	4(Digital input voltage applied, Relay coil energized, Network linked, Network activity)
PHYSICAL	Operating Temperature	-40°C to 65.5°C
	Size	35.7mm wide, 98.5mm tall, 78mm deep (not including connector)
	Weight	142 grams
	Enclosure Material	Lexan 940 Polycarbonate Plastic
	Enclosure Flame Rating	UL94 V0

PROTOCOLS	HTTP, XML, Modbus TCP/IP	
LOGGING	Log File Size	512K (max 28,829 logs)
	Storage	Nonvolatile Flash
	Buffer Architecture	Circular Buffer
	Log data can be periodically read and stored on a computer	
ADVANCED FEATURES	BASIC interpreter	
	Remote services	Avoid most firewall issues with outbound connection to Web Services
PASSWORD SETTINGS	Password protection on setup page	Yes
	Password protection on control page	Optional
	Password Encoding	Base 64
	Max Password Length	10 Characters