

WebiSmarts System

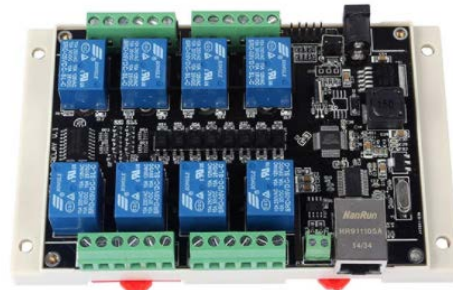
External Signal Interface CAT: BAK-0195

Radiation Detection Division

WebiSmarts utilizes the versatility of the Ethernet to provide external control over peripherals by way of solenoids.

The User inputs the IP address of the External Signal Interface and programs the actions required by each point on the Map in WebiSmarts and then sends these action items to the DPU-3 who is responsible for activating the solenoids.

The Control Board can be attached to the Ethernet at a point close to the area that requires control thus saving cable lengths



External Signal Interface

Includes:

Control Board

Cover

Ethernet Cable (1m)

Power Transformer



Specification

Ethernet TCP/IP RJ45 Port

On board WEB server allows accessing and controlling the relay via WEB

8-Channel 250V/AC 10A Relay control individually

8 external control outputs and active low level can control switch or sensor, etc.

Wide operating voltage range: 7-24V DC power supply

Provide protocol for reengineering:(When connected to router, it allows access control via Android, Mac, Tablet, Windows system from anywhere in the world with network)

Supports status return, can display current status of the relays

IP Port can be modified

With Reset function, short press to reset, long press to restore factory setting.

Supports 485 networking.

Internal circuit protection: with optocoupler to prevent from external voltage surge

Setup

The User sets up the IP addresses along with the relay number to be activated using our RMVC software.

The User Threshold is the trigger for activating the relay. Any number of detectors can be setup to activate the relay or any combination of relays.

Device Setup

Meter Detector

Detector

Device ID

Device Name : IblDetName

Firmware Version : IblMonVer

Serial Number :

WRM Serial Number :

Measuring Unit : mR uSv

User Selectable Names

Selectable Name 1 :

Selectable Name 2 :

Selectable Name 3 :

Selectable Name 4 :

Thresholds

Threshold #1 mR/h (Green to Yellow) :

Threshold #2 mR/h (Yellow to Red) :

User Threshold mR/h :

Remote

Remote ID 1 (IP:Port) :

Remote ID 2 (IP:Port) :

Remote ID 3 (IP:Port) :

Remote ID 4 (IP:Port) :

Camera URL :

Relay Adapter (List of IP:Port) : 10.0.0.90:4 ; 10.0.0.98:1 ; 10.0.0.3:2

Activates the Relay

IP ADDRESS:RELAY NO; IP ADDRESS:RELAY NO ;..

Update Device

Exit

ROTEM INDUSTRIES reserves the right to change specifications without advance notice