



## **TRC-24MC** **Remote Site Monitoring** **Scheduling & Control System**

The TRC-24MC is offered as an economical solution to remote site monitoring, event-scheduling and control. It is highly scalable and designed to monitor and control an increasing number of points at a remote site. The basic configuration incorporates the capability to monitor 24-inputs and control 24-outputs in a 1U-high rack-mount chassis, with remote monitoring/alarm, scheduling & control over TCP/IP Networks.

The TRC station can thus monitor up to (24) digital (contact closure or TTL) inputs and control 24 (1-FormC Relay) outputs for status monitoring and control of equipment and perimeter at a remote site. The controlled outputs can also be remotely scheduled from the Web-page with log-view capable.



If needed, the TRC system can be expanded with additional TRC slave chassis connected in daisy-chain to the master unit complete with embedded Web-Server and SNMP protocol for a single IP-port access.

Alarms are sent as SNMP traps & Text-Email to designated recipients and to Network Operation Centers. Remote access over the Network for status monitoring and schedule/control of equipment at the site can be done from SNMP Network manager at the control center or from a Web-page by local/regional technical staff, using any Web-browser.

For a larger number of controlled outputs, the TRC-144C is available with the capability to control up to 144 contact closure outputs.

Tekron manufactures remote signal and site monitoring/control systems for TV, FM and AM Broadcast Transmission sites.

## Features

The TRC-24MC offers flexibility to satisfy current needs with the possibility of expansion to address future and changing needs. The system is designed with the potential of expansion to 256 inputs & outputs via SNMP protocol over IP-Networks. The Web-page currently designed to monitor/control 24 inputs/outputs can be customized for the specific system configuration required.

Optional controlled Dual-AC-Outlet modules are available for connection to the system for remote power reset of the equipment at the site. Other interfaces are also available to provide remote video/audio, TV & RF-Broadband, L-Band Broadband feed switching.

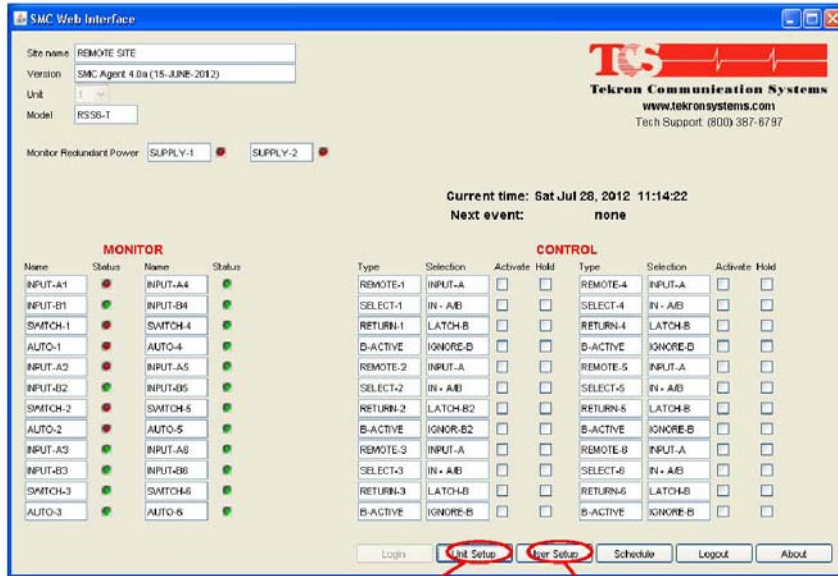
## Specifications

- 1-RU Rack-Mount chassis with status LED on the front panel.
- Twenty-four (24) contact monitor inputs via back-chassis plug-in connectors.
- Twenty-four (24) relay controlled contact (1-Form-C) outputs via back-chassis plug-in connectors.
- RJ-45 connector for Ethernet/IP Network connection for remote monitor, control and alarm.
- Optional RJ-45 (IN/OUT) for system expansion to daisy-chain several TRC chassis for increased monitor/control I/O capability.
- Power: 85-240VAC, 50/60 Hz input, 10 Max. power consumption.  
Optional NEG 48V DC powering & Dual redundant power

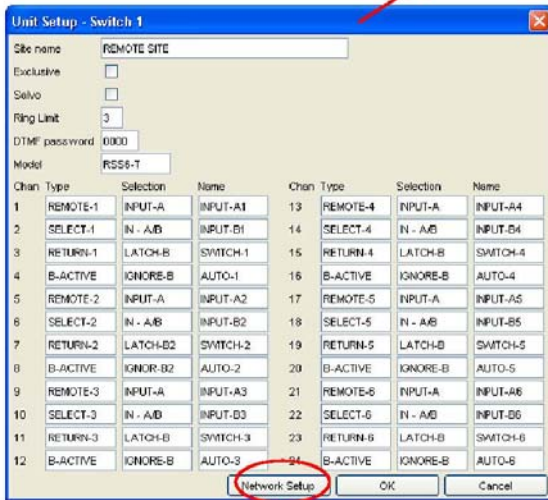
## Monitor Schedule & Control

- TCP/IP Ethernet Port for remote access over the Network
- Embedded Web-server for remote Web-page monitor, control & scheduling
- Built-in SNMP Protocol for SNMP-trap alarm, remote monitoring & control
- Email alert text-messaging alarms

# Remote Network Scheduling Monitor & Control



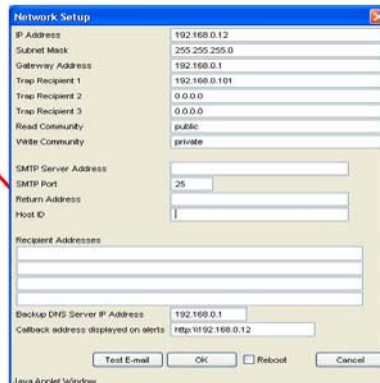
**WEB-PAGE  
STATUS MONITORING  
CONTACT CONTROL**



**CONTACT  
NAME SETUP**



**TCP/IP NETWORK  
ALARM SETUP**



**TCP/IP NETWORK  
ALARM SETUP**