

# TC REMOTE

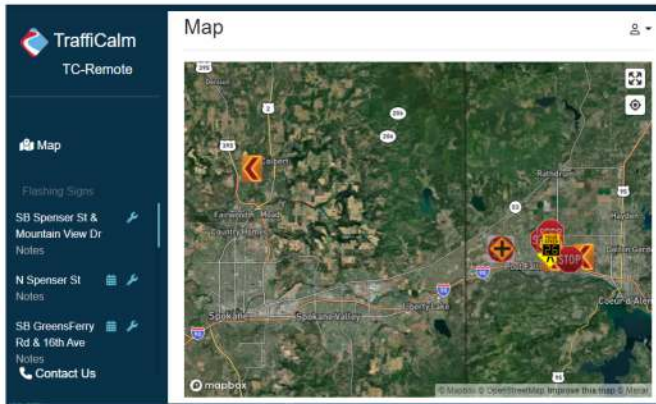


**TRAFFICALM**  
A Pelco Products Company

## TC-REMOTE

TC-Remote allows agencies to remotely connect TraffiCalm® Flashing Sign Systems and Intelligent Warning Systems in one easy-to-manage web-based platform. This cloud-based Smart City platform delivers the right information to leverage your maintenance resources and infrastructure investment.

- System Health Monitoring and Alerts
- Remote Calendar Scheduling
- Downloadable Reports on number of Activations and System Status
- Sign Knock down and System Failure Alerts via email and SMS texts



## FEATURES

### Map and Icon Based Graphical User Interface

Remotely monitor the status of every TraffiCalm® Flashing Sign System with an interactive graphical map and icons in a web-based software.

### 10-Year Cellular Data and Service Plan

No recurring data plans or contracts to manage for the planned life of the communication equipment. Guaranteed compatibility with remote communication devices and service for a 10-year period.

### Hub-Based Communications System for Low-Cost Deployment

TraffiCalm TC-Remote requires only one cellular modem to a controller and all other collaborative systems within range will connect to the hub through on-board Mesh Net radio communication. This saves you money compared to other systems on the market that require a modem to each device.

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## STATUS OVERVIEW:

Monitoring Status includes: voltage input, solar voltage, system settings, schedule settings, communication strength, switch input settings, output settings, radar setting, and knock down sensors

## SOFTWARE CONTROL OVERVIEW:

System Configuration, Output Control, Input Configuration, Radar Configuration, remote firmware upgrades

## COMMUNICATION SYSTEM CONNECTIVITY:

Remote Communications Hub: Cellular CAT M1 Modem

Remote Communications Hub dimensions, minus controller: 4"x4"x2" (10.16 cm x 10.16 cm x 5.08 cm)

Cellular - 700MHz - 2.3 GHz Verizon ESIM

Local Controller: Mesh Net, Wi-Fi

Mesh Net - 2.4GHz Direct Sequence Spread Spectrum (DSSS)

Wi-Fi - 2.4GHz 802.11 b/g/n wireless LAN

## CONTROLLER/COLLABORATOR SYSTEM INPUTS/OUTPUTS

2 Switch Inputs - Push Button input, Presence Detection, High Water Sensor, Over-Height Detector, Ice Sensor input, etc.

1 Radar Input - 10' to 1200' Vehicle Detection Range

2 Switched Outputs - LED Flashing Sign Rings, Circular Beacons, Rectangular Rapid Flashing Beacons, etc. (3 outputs for Push-2-Cross systems) with Pulse-Width Modulation dimming

System Compatibility requires TrafficCalm<sup>®</sup> TC Remote compatible controllers and collaborators

## ENVIRONMENTAL (FOR REMOTE COMMUNICATIONS HUB):

Operating Temperature - Electronics -40° C to +60° C operating range (-40° F to +140° F)

Humidity - 5-95% non-condensing

NEMA 4X, IP68 Rated

## WARRANTY and SERVICE

5 year warranty on electronics

Unlimited tech support from US based factory technicians

Guaranteed compatibility of communications devices and modem for the life of the 10 year data plan

TC-Remote Software / Data Packages		
Part Number	Description	Notes
M75-TCR00-CP10	TC-Remote 10-Year Communication Package	1 Required Per Controller
M75-TCR00-CLBL	TC-Remote Collaborator Software License	1 Required Per Collaborator
TC-Remote Accessory Equipment		
Part Number	Description	Notes
M75-TCR00-CH00	TC-Remote Comm Hub	1 Required Per Controller
M75-TCR00-TS01	TC-Remote Tilt Sensor - CLB2/CLB3	1 Required Per Flashing Sign System Integrated Solar Collaborator
M75-TCR00-TS02	TC-Remote Tilt Sensor all collaborators except CLB2/CLB3	1 Required Per "E" through "Z" Series Collaborators
TC-Remote Controllers		
Part Number	Description	Notes
M75-TCR00-CTLA	AC Powered Intelligent Controller G4, TC-Remote Compatible	1 TC-Remote Controller Required Per System
M75-TCR00-CTL3	30W/12Ah Solar Intelligent Controller G4, TC-Remote Compatible	
M75-TCR00-CTL2	20W/24Ah Solar Intelligent Duplex Controller G4, TC-Remote Compatible	
M75-TCR00-CTL3	30W/24Ah Solar Intelligent Duplex Controller G4, TC-Remote Compatible	
M75-TCR00-CTLE	13Ah E-Series Solar Intelligent Controller G4, TC-Remote Compatible (required separate solar panel)	
M75-TCR00-CTLS	40Ah S-Series Solar Intelligent Controller G4, TC-Remote Compatible (required separate solar panel)	
M75-TCR00-CTLT	72Ah T-Series Solar Intelligent Controller G4, TC-Remote Compatible (required separate solar panel)	
M75-TCR00-CTLW	108Ah W-Series Solar Intelligent Controller G4, TC-Remote Compatible (required separate solar panel)	
M75-TCR00-CTLZ	42Ah Solar Slimline Z-Series Beacon Intelligent Controller G4, TC-Remote Compatible	
M75-TCR0A-CTLZ	AC Powered Slimline Z-Series Beacon Intelligent Controller G4, TC-Remote Compatible	

