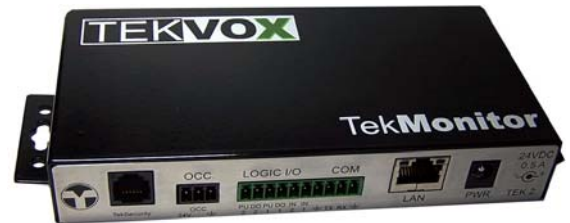


The TEK 2 is a new generation of TekMonitors designed with a more advanced microcontroller which supports power over Ethernet (POE). Design of the TEK 2 makes it easier to install by using POE, an RJ-11 connector for the TekSecurity and a separate connector for the occupancy sensor. The TEK 2 is designed for low cost installations and does not have relays.

Use the TEK 2 to monitor and control video projectors, monitors and many other classroom or office space devices. Unlike a control system that requires a knowledgeable programmer, the TEK 2 uses an intuitive step-by-step guide called TekWizard. When monitoring a device, the TEK 2 can either operate autonomously by sending email messages for theft detection, error condition and usage report, or with the TekManager asset management software using Version 3.0 or higher.

**Benefits**

- Improves equipment life by managing operational times
- Reduces maintenance and energy costs
- Adds reliable security to room devices
- Improves equipment reliability
- Increases administrator productivity
- Easy to install with POE
- Allows for replacing display device without changing control software



**Features**

- Easy step-by-step system integration using TekWizard
- Effortless management of devices using a view-all navigation GUI
- Remote monitoring and control from multiple Computers
- Supports DHCP IP configuration using a proprietary auto-discovery method
- Compatible with any device having a data connection and released protocol
- Security management using a true hardware security detection method to eliminate false email reports
- Monthly email usage reports
- Lamp and Maintenance timers with email reports
- Event scheduling
- Up to 30 Macro definitions with programmable logic
- Inventory and asset management
- Supports Occupancy Sensors
- Supports TCP/IP and RS-232 communication for easy control system operation



**Contact us for additional information or to find an Authorized TEKVOX Dealer in your area.**

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## Device Specifications

### Ethernet control interface

Connectors .....1 - RJ-45 male connector  
Data rate.....10/100Base-T, half/full duplex with auto sensing  
Protocols .....DHCP, ICMP (ping), TCP/IP, UDP, Telnet, SMTP  
Link speed and duplex level are set to auto sensing.  
IP address is set to DHCP.

### TekSecurity interface

COM.....One - RS-232 serial (TX and RX only)  
Security Input ..... ESD protected input with internal 10K pull-up resistors  
LED Output..... One - open collector Darlington with 300 ma @ 24V  
Pull-Up..... One - 2.7K 1/4 watt resistors connected to 24V (9 mA)

### Serial control interface

COM.....One - RS-232 serial (TX and RX only)  
Default settings.....9600, 8-bit, 1 stop bit, no parity

### Occupancy sensor interface

Input .....One - ESD protected input with internal 10K programmable pull-up/Down

### Logic Inputs

Inputs 1 – 2.....Two - ESD protected inputs with internal 10K pull-up resistors, Logic High 2V, Logic Low 0.8V

### Outputs

Digital (DO 1-2) .....Two - open collector Darlington with 300 ma @ 24V sourced to ground  
Pull-Up (PU 1-2) .....Two - 2.7K 1/4 watt resistors connected to 24V (9 mA)

### General

Power Supply (Optional).....100-240VAC, 47/63 Hz, 0.5A, 15 watts  
POE .....44 VDC, 350ma, PoE, PoE+  
DC Power .....24 VDC 0.06 Amps, Max DC Power Out 0.65 Amps  
Temperature/humidity .....Storage -40° to +158°F (-40° to +70°C) /10% to 90%  
Non-Condensing Operation.....+32° to +122°F (0° to +50°C) /10% to 90%  
Enclosure type.....Aluminum  
Enclosure dimensions .....1.0" H x 6.9" W x 3.0" L 2.52 cm H x 17.50 cm W x 7.59 cm L  
(Depth excludes connectors.)  
Product weight.....0.36 lbs (0.16 kg)  
Shipping weight .....2 lbs (1 kg)  
Compliances.....FCC Class B, Canadian ICES-003, CE  
MTBF.....30,000 hours  
Warranty.....2 years parts and labor

Specifications are subject to change without notice.

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