

The EDKS-X-1G-VX-RM is a device designed to interrupt the power and streaming of data from an IP camera or other IP device for privacy and confidentiality purposes. Typical applications are in interview rooms, interrogation rooms, hospital rooms and patient exam rooms. The EDKS-X-1G-VX-RM is placed in-line with the camera's CAT6 Ethernet cable. 12-24vdc is applied or removed to enable or disable the camera depending on which version EDKS-X-1G-VX-RM is ordered. A switch or switches can be mounted on the wall of the room along with an external power source to trigger the EDKS-X-1G-VX-RM channels. Other equipment that outputs a 12-24vdc 500ma power source can also be used to trigger the EDKS-X-1G-VX-RM.

### Mounting

The EDKS-X-1G-VX-RM is designed to be rack mounted. It is an open frame 1U high rack mount. Take precautions to make sure no metal objects can make contact with the top of the circuit board.

### CAT6 connections

The EDKS-X-1G-VX-RM is placed in-line with the CAT6 connection that normally connects to your IP camera. It doesn't matter which jack is used for input or output on each channel's stacked RJ 45 connector.

### Control Voltage Cable Run

If all triggers are to be associated with CH1, Run a 22 gauge, two conductor cable between the terminal blocks of CH1 of the EDKS-X-1G-VX-RM and the 12Vdc control source. This cable can be up to 300' in length. See diagram below for connections.

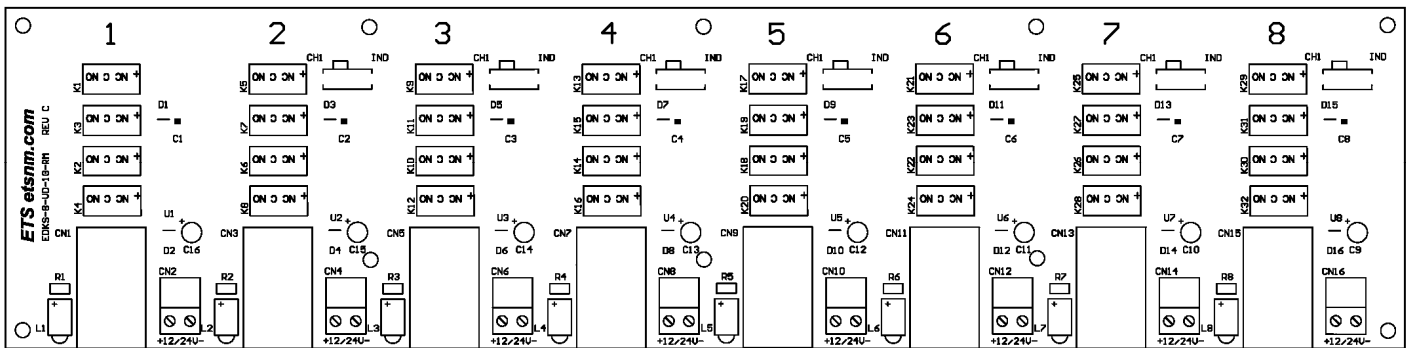
### Operational notes

The EDKS-X-1G-VX-RM will operate with both A and B modes of PoE IP cameras or other endpoint devices. The EDKS-X-1G-VX-RM employs shielded CAT6 connectors and 10/100M/1G data rates are supported. Pins 1-8 are all opened / closed with relays inside the EDKS-X-1G-VX-RM. The EDKS-x channels can handle up to 100W of PoE power.

### There are two versions of EDKS-X-1G-VX-RM

EDKS-X-1G-VE-RM applying 12-24vdc to the green terminal blocks enables the cameras.  
 EDKS-X-1G-VD-RM applying 12-24vdc to the green terminal blocks disables the cameras.

SWITCHES 2-8 SELECT CHANNEL TRIGGER SOURCE.  
 IN THE LEFT POSITION THE CHANNELS ARE TRIGGERED BY THE SAME VOLTAGE APPLIED TO CH1.  
 IN THE RIGHT POSITION THE CHANNELS ARE INDEPENDENTLY TRIGGERED.



IT DOES NOT MATTER WHICH JACK IS USED FOR INPUT AND OUTPUT OF THE DUAL RJ45 CONNECTOR.

LEDS LIGHT AND CAMERAS ARE DISABLED WHEN VOLTAGE IS APPLIED TO THE INPUTS OF THE VD OPTION BOARD.  
 LEDS LIGHT AND CAMERAS ARE ENABLED WHEN VOLTAGE IS APPLIED TO THE INPUTS OF THE VE OPTION BOARD.

### Warranty

All ETS products carry a one year parts and labor warranty. This warranty does not cover damages as a result of misuse, improper handling of the unit or exposure to extreme temperatures or moisture. At its discretion, ETS reserves the right to repair or replace this unit under the conditions of the warranty. If you experience problems with your equipment call ETS at: 505-888-3923 to obtain a return authorization number. Equipment requiring repair beyond the warranty period or units that have been damaged or are not covered under the warranty can be repaired by ETS for a minimal cost under most conditions.