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KTS-216

16-Channel Switcher

Overview

The KTS-216 is one of GE Security's new desktop series video switchers, a device capable of receiving up to 16 camera inputs and switching those video inputs to a single monitor output (includes a second monitor output option). This compact switcher is equipped with easy to use programming options and connectors for a variety of peripheral devices.

Outstanding Features

This microcontroller product comes with an onscreen display for programming which shows current video input, input names, loss of video detection, alarms, and sequencing. Programming and basic operation is performed through the attractive elasto-numeric keypad on the front of the unit, and the use of LEDs to indicate the state of the switcher to the user.

Users can set programming options by entering information through a simple system of onscreen menus. These programming options are based on the needs of each installation and can include sequencing tours, alarms, audio follow, looping, and an external trigger. Sequence routines can be set to respond with different delay times and react to a variety of inputs. Alarms can be set to override sequence routines, and an external trigger can be used to time the sequence routines.

Peripheral devices can include alarms, audio follow, and an external trigger device, usually a VCR. The KTS-216 also provides the option of looping BNC connectors to allow the use of an additional auxiliary device.

The KTS-216 is a compact unit designed for desktop use, but it can also be rack-mounted. When rack-mounted, the KTS-216 would take up only 1 U of rack space.



Standard Features

- **16 video channels**
- **Second monitor output (optional)**
- **16 looping connectors**
- **Programmable sequence tours**
- **Audio follow**
- **Alarm programming**
- **External trigger port**
- **Auxiliary port**
- **Rack-mountable**
- **NTSC or PAL**

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Specifications

Electrical

- Input voltage: 9 VAC or 12 VDC
- Input power: 3.0 VA (approximately)

Video

- Inputs: Composite video, 1 V p-p
- Outputs: Composite video, 1 V p-p
- Impedance: 75 ohm inputs/75 ohm outputs
- 3dB frequency: 7.0 MHz
- Signal/noise: -60.0 dB RMS
- Differential gain: $\pm 1\%$
- Differential phase: $\pm 1^\circ$

Connections

- Video: BNC connectors
- Power: 9 VAC or 12 VDC wall transformer

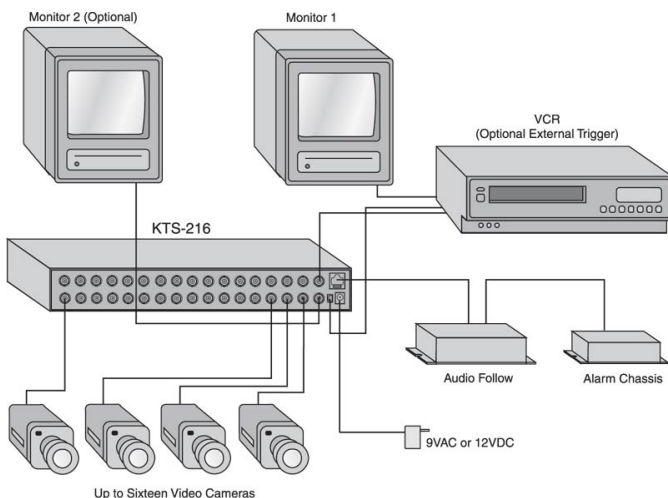
Mechanical

- Weight: 2.24 lb (1.02 kg)
- Dimensions (including connectors): 13.05 in x 7.39 in x 1.74 in (332 mm x 188 mm x 44 mm)
- Rack mount: 1 U vertical rack space; 3/4 horizontal rack space
- Material: Aluminum
- Finish: Dark gray powder coat

Options

- KTS-200M: Monitor Output Card. Ordered when the second monitor output is to be used. An internal card used to activate the second monitor output.
- KTS-F16: Audio Follow Relay. Ordered when audio follow is required in a system. The audio follow relay is a self-contained desktop unit providing two-pole, balanced audio switching.
- KTS-A16: Alarm Relay. When alarms are utilized, this alarm chassis will need to be ordered. The alarm option allows automatic video call-up when an alarm event occurs.
- KTS-R16: Rack Mount. Can be ordered when necessary for switcher to be rack mountable. These switchers have been designed primarily for desktop use.
- KTS-200X: External Trigger Connector. This option allows the switcher to be sequenced by an external switch pulse. Ordered when an external device is used to trigger the switcher, such as a VCR.

Related Diagram



Ordering Information

KTS-216



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