VA6100/VA6200 Series Switcher
SEQUENTIAL, VIDEO, WITH ALARMS

CE

Product Features

- 120 or 230 VAC Input

- 4, 8, 12, or 20 Inputs (Terminating or Looping)

- Single Output (VA6100 Series)

  Dual Outputs (VA6200 Series)

- Alarm Inputs Standard Feature

- Supports NTSC and PAL Video

- Camera ID (up to 20 characters) and External Trigger Standard on All Models

- Optional Alarm Breakout Board for Easy Wiring of Alarm Inputs
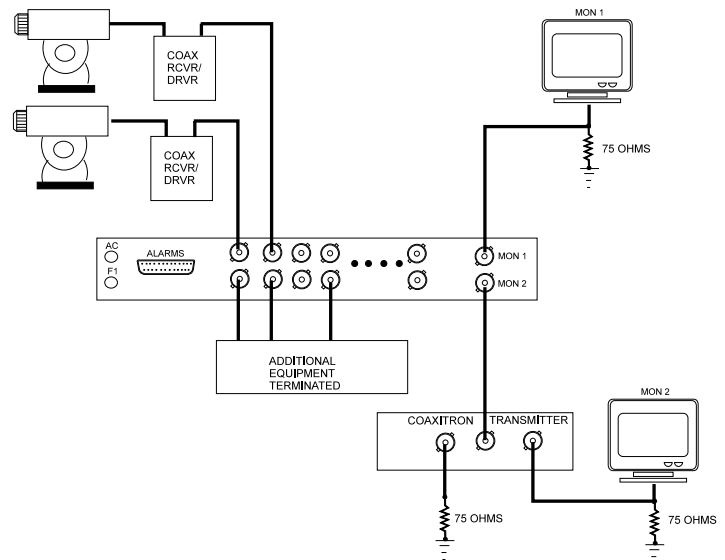
VA6220 SWITCHER

The **VA6100** and **VA6200 Series** are competitively priced sequential switchers designed to manually or automatically switch twenty, twelve, eight or four cameras to one or two monitors. *(This series of sequential switchers replaces the VA500/VS500 Series of single- and dual-output switchers.)*

The **VA6100 Series** switchers are single monitor output switchers without Coaxitron®-control compatibility. The VA6200 Series are equipped with a second monitor output for Coaxitron® compatibility.

The **VA6100** and **VA6200** are equipped with alarm inputs. If an alarm occurs, the switcher will automatically lock and direct the input to the currently selected monitor. When an alarm is cleared, the unit will return to its previously operating dynamic state. Multiple alarms sequence at a 1 second dwell time.

All models include external trigger and camera ID as standard features. Camera dwell time can be set individually or globally for all cameras. The dwell time is adjustable from 1 to 60 seconds, in one second increments.

In addition, all models feature terminating inputs that can be easily converted to looping inputs via jumpers on the mother board. Monitor output for camera ID is also changeable via jumpers on the mother board.

BRIDGING/LOOPING CONFIGURATION WITH COAXITRON® CONTROL

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SWITCHERS

SEQUENTIAL

DataFAX Documents   **SPEC:** 2840   **MANUAL:** 28406   **A&E:** CONSULT FACTORY

MODELS

Single Output

VA6104	4-input, single-output sequential switcher with 4 alarm inputs, 120 VAC
VA6104-X	Same as VS6104 except 230 VAC
VA6108	8-input, single-output sequential switcher with 8 alarm inputs, 120 VAC
VA6108-X	Same as VS6108 except 230 VAC
VA6112	12-input, single-output sequential switcher with 12 alarm inputs, 120 VAC
VA6112-X	Same as VS6112 except 230 VAC
VA6120	20-input, single-output sequential switcher with 20 alarm inputs, 120 VAC
VA6120-X	Same as VS6120 except 230 VAC

Dual Output

VA6204	4-input, dual-output, sequential switcher with 4 alarm inputs, 120 VAC
VA6204-X	Same as VA6204 except 230 VAC
VA6208	8-input, dual-output, sequential switcher with 8 alarm inputs, 120 VAC
VA6208-X	Same as VA6208 except 230 VAC
VA6212	12-input, dual-output, sequential switcher with 12 alarm inputs, 120 VAC
VA6212-X	Same as VA6212 except 230 VAC
VA6220	20-input, dual-output, sequential switcher with 20 alarm inputs, 120 VAC
VA6220-X	Same as VA6220 except 230 VAC

VIDEO

Inputs	Terminating; 75 ohm internal termination NTSC and PAL compatible
Outputs	
Monitor 1	75 ohm source terminated
Monitor 2	75 ohm source terminated; half duplex (Coaxitron® compatible). Requires field jumper change
Gain	Unity
Dwell	Camera dwell independently adjustable from 1 to 60 seconds nominal
Frequency Response Maximum	10 MHz
Signal Level	1.5 Vp-p
Tilt	Less than 2%
Character Generation	Available on monitor 1 or 2

ELECTRICAL

Power Requirements	2 vA 4-position switcher 4 vA 8-position switcher 6 vA 12-position switcher 8 vA 20-position switcher
Input Voltage	120 VAC, 50/60 Hz or 230 VAC, 50 Hz
Alarm In	2 common +1 conductor per alarm input
Alarm Out	Dry contact relay, normally open
Connectors	BNC

GENERAL

Construction	
Chassis	Steel, zinc plated
Cover	Steel, black polyester powder coat
Panel	Aluminum, with Lexan overlay
Dimensions	
VA6104, VA6204	1.75"H x 5.50"W x 8.80"D (4.45 cm x 13.97 cm x 22.35 cm)
VA6108, VA6208	1.75"H x 8.76"W x 11.25"D (4.45 cm x 2.25 cm x 28.58 cm)
VA6112, VA6212	1.75"H x 14.32"W x 8.50"D (4.45 cm x 36.37 cm x 21.59 cm)
VA6120, VA6220	1.75"H x 17.50"W x 10.00"D (4.45 cm x 44.45 cm x 25.40 cm)
Environment	32° to 120° F (0° to 48.89°C)
Weight	3 lb (1.36 kg) 4-position switcher 4 lb (1.81 kg) 8-position switcher 5 lb (2.27 kg) 12-position switcher 6.5 lb (2.95 kg) 20-position switcher

OPTIONAL ACCESSORIES

R300	Rack mount kit for up to three 4-position switchers. 1 RU *(See C965 spec)*
RMQ4	Rack mount kit for one or two 8-position switchers. 1 RU *(See C965 spec)*
RKS10	Rack mount kit for one 12-position switcher.1 RU *(See C965 spec)*
RMQ8	Rack mount kit for one 20-position switcher. 1 RU *(See C965 spec)*
VA6008-APNL-2	Alarm breakout panel for up to 8 alarm inputs. Enables easy wiring of alarm inputs. Connects to switcher via supplied 2-foot (.60 m) ribbon cable
VA6008-APNL-10	Same as VA6008-APNL-2 except supplied with 10-foot (3.04 m) cable
VA6020-APNL-2	Alarm breakout panel for up to 20 alarm inputs; includes 2-foot (.60 m) ribbon cable
VA6020-APNL-10	Same as VA6020-APNL-2 except supplied with 10-foot (3.04 m) cable
RK-1PNL	Mounting plate, 5.20" H x 5.68" W (13.20 cm x 14.41 cm), for one alarm breakout panel; mounts to horizontal or vertical surface.
RK-4PNL	Rack kit for mounting up to four alarm breakout panels in a standard 19-inch (48.26 cm) wide rack. Rack kit dimensions: 5.24" H x 19.00" W (13.30 cm x 48.26 cm)

CERTIFICATIONS

◆ CE compliant
  (models VA6104-X, VA6108-X, VA6112-X, VA6120-X, VA6204-X, VA6208-X, VA6212-X, and VA6220-X only)

Specifications subject to change without notice.