9 Channel Color Duplex Multiplexer

FEATURES
- 9 channel inputs
- Easy setup and programming using modern style on-screen menus
- Menu adjustable camera AGC
- High quality color definition
- S-VHS Inputs/Outputs
- Automatic video input termination
- Activity/Motion detection
- Multiple Alarm inputs and outputs
- 2X digital zoom and digital pan & tilt - live & playback

ARCHITECTS’ AND ENGINEERS’ BID SPECIFICATION

The system controller shall be a JVC SW-D7000U or equivalent.

The system controller shall provide remote control of connected cameras’ common accessories such as: pan and tilt, zoom lens, auto random panning and optional control (Aux 1, Aux 2). Control switches shall include: Iris Control-Open/Close, Preset, Zoom Control-Tele/Wide, Focus Control-Near/Far, Panning Control-Random/Auto, Aux-ON/OFF. Controls shall be: Cable Loss Compensation, Pan/Tilt Control.

All control signals shall be multiplexed into the video signal, so that information can be transmitted to and from the camera location on a single RG-59U coaxial cable. Camera Input 1 (BNC), Video Output 1 (BNC).

Maximum distance between the system controller and the receiver shall be at least 3200’ using RG-59U (Belden 9259). The power source shall be 12V DC, 240V or 110V AC. The unit shall be UL listed.
### Specifications

#### GENERAL
- **Power supply requirement**: 12V DC, 240 or 110V AC to 12V adapter included
- **Power consumption**: 40 W
- **Operating temperature range**: 20 to 104ºF (0 to 40ºC)
- **Dimensions**: 360 (W) x 65 (H) x 335 (D) mm (14.2” x 32.6” x 13.6”)
- **Weight**: Approx. 4.2 kg (9.3 lbs.)

#### VIDEO
- **Output**: 3 BNC connectors, EIA/CCIR compatible video output
- **Input**:
  - **Cameras**: 9 looping BNC connectors, EIA/CCIR compatible, auto terminating
  - **Color camera inputs accepted**: Color camera inputs accepted
  - **VCR inputs**: 1, EIA/CCIR compatible
- **Display memory**: 1,024 x 1,024 memory array, 8 Mb total display memory
- **Resolution**: 720 pixels, Horizontal, 484 active lines Vertical (576 CCIR)
- **Grey scale**: 256 levels

#### ALARM HANDLING
- **Alarm input**: 9, programmable NO or NC in menus
- **Alarm output**: 2, form C relays, each NO and NC
- **Alarm latching**: 3 settings: latched, transparent, timed-out, programmable 1 - 100 seconds
- **Alarm recording**: Automatic priority control, interleaved or exclusive, or none, programmable
- **Alarm display**: Automatic full-screen

#### CONTROLS
- **RECORD**: Selects record mode
- **PLAY**: Selects playback mode for decoding tapes
- **LIVE**: Selects LIVE mode
- **SEQUENCE**: Starts or stops sequencing
- **MACRO FUNCTION**: Starts execution of a pre-recorded key sequence
- **ALARM**: Used to accept active alarms
- **ZOOM**: Zooms 2x, fully interlaced, on full-screen displays
- **PAN & TILT**: Arrow keys provide digital pan & tilt on zoomed images
- **MULTISCREEN**: Selects multi-screen displays in LIVE or PLAY mode

#### VIDEO INDICATORS
- **Titles**: 12 characters, plus camera number, display can be turned off
- **VCR view**: The VCR can be selected as an input to aid VCR setup, using F key

#### MOTION DETECTION
- **Zones per camera**: 256, 16 x 16 grid
- **Sensitivity setting**: 10 levels
- **Grey levels per zone**: 256 levels
- **Recording priority**: 2x, 4x, interleaved, or none
- **Status output**: RS-232 status. Relays, link to alarm

### Dimensions

- **Dimensions**: 360 (W) x 65 (H) x 335 (D) mm (14.2” x 32.6” x 13.6”)
- **Weight**: Approx. 4.2 kg (9.3 lbs.)
- **Height**: 65 mm (3.3“)
- **Depth**: 335 mm (13.2“)
- **Width**: 360 mm (14.2“)

### Remote Control and Programming
- **RS-232**: D-sub9, female, 3-wire, N-8-1, 9600 baud
- **RS-485**: 6-pin mini-DIN, remote keyboard input, looping, up to 1000 m (3,200’) without conditions