The Multivision Pro Simplex Multiplexers deliver advanced features that bring powerful, integrated solutions to your security system, such as time synchronization, VCR record speed auto-detection and enhanced picture processing for unparalleled image quality and superior performance with high resolution cameras.

Display live single camera images while full field recording all cameras at the highest resolution. Real-time and playback images can be displayed in a variety of multiple-picture screen formats when recording is off.

Easily schedule tours, check operating status, change recording and/or alarm conditions – all from a remote location with a PC, remote control panel or advanced dome controller.

The Multivision Pro Simplex Multiplexers gives you more power and performance in a value driven system solution.
### Model Numbers

**Color**
- SMV916p-30  . . . . . . . . . . . . . . .16 channel, color, NTSC version
- SMV916p-30-1  . . . . . . . . . . . . .16 channel, color, PAL version
- SMV909p-30  . . . . . . . . . . . . . . .9 channel, color, NTSC version
- SMV909p-30-1  . . . . . . . . . . . . .9 channel, color, PAL version
- SMV904p-30  . . . . . . . . . . . . . . .4 channel, color, NTSC version
- SMV904p-30-1  . . . . . . . . . . . . .4 channel, color, PAL version

**Monochrome**
- SMV116p-30  . . . . . . . . . . . . . . .16 channel, B/W, EIA version
- SMV116p-30-1  . . . . . . . . . . . . .16 channel, B/W, CCIR version
- SMV104p-30  . . . . . . . . . . . . . . .4 channel, B/W, EIA version
- SMV104p-30-1  . . . . . . . . . . . . .4 channel, B/W, CCIR version

### Operational

#### Video Standard
- NTSC/EIA  . . . . . . . . . . . . . . . . .525 lines, 60 fields/second
- PAL/CCIR . . . . . . . . . . . . . . . . . .625 lines, 50 fields/second

#### Video Resolution
- 512 x 464 display NTSC
- 512 x 512 display PAL
- 8-bit luma, 256 shades of gray
- 24-bit chroma, over 16 million colors on palette (color models only)

#### Motion Detection Parameters
- Target Matrix  . . . . . . . . . . . . .16 horizontal x 12 vertical (192 total)
- Sensitivity  . . . . . . . . . . . . . . . . . .5 levels
- Object Size  . . . . . . . . . . . . . . . . . .81 combinations of width and height
- Tracking Delay  . . . . . . . . . . . . .0 to 5 seconds
- Alarm Duration  . . . . . . . . . . . . .Programmable 2 to 999 seconds
  - 4 second default

#### Alarm Recording
- Settings  . . . . . . . . . . . . . . . . . .Each video channel has independent settings
- Remote Control  . . . . . . . . . . . Via remote control panel daisy-chain up to 16 multiplexers; via computer software control up to 255 multiplexers
- Software Management  . . . . . . . Via third-party software

### Inputs/Outputs

- Video Inputs  . . . . . . . . . . . . . . .4, 9, or 16 depending upon model,
  - 1 Vp-p, composite, individually selectable 75 Ω, or HighZ, BNC
- Monitor Output  . . . . . . . . . . . . . .Two, 1 Vp-p composite, 75 Ω, BNC
- VCR Input/Output  . . . . . . . . . . . . . .One, 1 Vp-p composite, 75 Ω, BNC
- VCR Output  . . . . . . . . . . . . . . . . . .One, 1 Vp-p composite, 75 Ω, BNC
- Alarm Connector  . . . . . . . . . . . . . .DB37S (includes DB37P mating connector)
- Alarm Input  . . . . . . . . . . . . . . . . . .4, 9, or 16; one per camera, programmable as normally open or normally closed
- Alarm Hold Input  . . . . . . . . . . . . . .+5 to +15 VDC or TTL Active High
- Alarm Output  . . . . . . . . . . . . . . . . . .Global, normally open or closed contact,
  - 1.0A, not to exceed 42 VAC or 60 VDC, resistive only
- Remote Control  . . . . . . . . . . . . . .RS-232, RJ-11 In/out
- Operating Power  . . . . . . . . . . . . . .Center positive, 12 VDC; 1.5A, 18 watts,
  - 2.1 mm pin jack, separate AC power supply included

### Mechanical

- Unit Weight  . . . . . . . . . . . . . . . . .4.1 kg (9 lbs)
- Shipping Weight  . . . . . . . . . . . . . .5.0 kg (11 lbs)
- Dimensions  . . . . . . . . . . . . . . . . . .44 x 432 x 311 mm
  - (1.75 x 17 x 12.25 in)
- Ambient Temperature  . . . . . . . . . . . . .5° to 40° C (40° to 104° F)

### Regulatory

- Emissions  . . . . . . . . . . . . . . . . . .FCC part 15, Class A
- EN55022 (1995) Class A
- Immunity  . . . . . . . . . . . . . . . . . .EN50130-4: 1996
- Safety  . . . . . . . . . . . . . . . . . . . . .EN60950 (1992), Amendments
  - 1, 2, and 3
  - UL1950, 3rd Ed

### Accessories

- RMO3  . . . . . . . . . . . . . . . . . . . . . . .Single Unit Rack Mount Kit
- SRP16  . . . . . . . . . . . . . . . . . . . . . . .Remote Control Panel
  - NTSC/EIA version
- SRP16X  . . . . . . . . . . . . . . . . . . . . . . .Remote Control Panel
  - PAL/CCIR version

### Basic System Diagram

A diagram illustrating the connections between different components:
- Remote Control Panel
- Advanced Dome Controller
- Bi-directional RS-232
- Call Monitor
- Composite Live Monitor
- Simplex Multiplexer
- VCR

Product specifications and availability subject to change without notice.
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