



Multivision® Pro

SIMPLEX MULTIPLEXERS



FEATURES

- Set time synchronization, monitor alarms or generate alarms via third-party software
- vSync™ for fast installation of VCRs with switch pulse output
- Display live, single camera images while full-field recording all system cameras
- Advanced alarm capability
- Dynamic Time Division records and displays more images from cameras that see activity
- Compatible with standard time-lapse VCRs, domes and many other CCTV and video products
- On-screen setup menus and front panel push button operation

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.

SPECIFICATIONS

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

