

# Product Information

## Multiplexer



### SMPX-D Series (Mono) and FMPX-D Series (Colour) with 376 TV lines resolution and 9 or 16 video inputs

#### Product Data

- Duplex function
- VCR input and output
- serial RS232 interface
- control inputs
- alarm output relay
- autom. VCR detection
- camera title programmer
- On-Screen set-up menu
- looping outputs



#### Description

The new videotronic infosystems multiplexer generation comes in a solid extruded low profile aluminium housing (19" bracketry included, 1U) in ALU nature colour. The unit accepts 9 or 16 camera signals colour or mono. Available multi screen display grids are 1 / 4 / 9 / 16 only 16D series). You can connect any standard VCR and the unit will automatically adjust. The multiplexer has 3 individual video outputs (multiscreen, spot and VCR out).

The multiplexer has a trigger input in order to be triggered by a VCR. The unit contains a built-in titler to identify each camera location (channel) along with a time/date generator to time stamp recorded events. The new multiplexer generation is fully suitable for Duplex operation. Duplex operation means that the device can be used to simultaneously view live video pictures (also in multiscreen mode) while still continuing to record all camera inputs.

Remote control is possible through alarm inputs, parallel inputs or serial RS-232C interface. With an optional KON-232/485 the system can be linked into our RS-485 BUSTRONIC® network to be operated with a standard KB-485 keyboard. Video signal switching can be done manually, automatically or via external contacts.

The new videotronic infosystems multiplexer generation convinces by elegant advanced design and offers excellent value for money.

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# Multiplexer

## Technical Specifications

Type	SMPX-9D / SMPX-16D	FMPX-9D / FMPX-16D
Brand	videotronic infosystems	
No. of video inputs	9x or 16x BNC	
No. of video outputs	2x monitor OUT, 1x REC OUT	
Real time	yes, 25 fps	
Resolution	1024 x 512 pixels (Multiscreen)	
RS232 interface	yes	
Camera switcher	yes	
Video loss detection	yes	
Security lock function	yes	
On-screen display	time, text and set-up	
Display grids	1 / 4 / 9 / 16	
Alarm inputs	9 or 16 control inputs	
Control output(s)	1 contact relay, 24 VDC, wire terminal	
Camera title	programmable, max. 8 characters each	
Time/date generator	dd/mm/yy / hh:mm:ss; crystal oscillator	
Scanning system	CCIR/PAL, 625 lines, 50 Hz	
Video IN/OUT signal	(F)BAS, 1 Vpp	
Termination	75 $\Omega$	
Operating voltage	230 VAC, 50 Hz via power adapter	
Consumption	approx. 23 VA	
Remote control	alarm/remote interface, TTL negative pulse 25-pin SUB-D socket; RS-232C interface asynchronous, half duplex, 9pin SUB-D	
EMI	acc. to EN50081-1, EN55022 cl. B	
EMC	acc. to EN50082-2, IEC 801	
Air humidity	approx. 30 - 90% (no condensation)	
Operating temperature	approx. 0° - 40° C.	
Weight	approx. 4 kg	
Dimensions (W x H x D)	460 x 47 x 250 mm	
Housing Colour	ALU nature	
Housing finish	aluminium low profile	
19" rack mount	rack bracketry included	
<b>Connections</b>		
Video IN / Video OUT	BNC connectors	
Alarm/Remote IN	25-pin SUB-D connector	
Alarm OUT	terminal block (relay)	
RS-232C	9-pin SUB-D connector	
<b>Accessories included</b>	instructions, 19" rack bracketry, PSU	

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Errors and omissions excepted.

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