



Multiplexers & Matrix Switchers

FDP-No. : 75103

VKR-16/4

- 16 Inputs / 4 Outputs
- Integral Multilanguage Menu Driven Set-up
- PC Programmable
- Time/Date/Text Insertion
- Group Call-up for Cameras/Monitors
- Programmable Camera Sequences incl. Preset Calls
- Automatic Alarm Call-up
- Camera Control Selection: Coaxial or RS-485
- Videoloss Detection
- Password Protected



Specifications:

Video inputs	16x 1.0 Vp-p, 75 ohms, (C)CVS, BNC
Video outputs	4x 1.0 Vp-p (C)CVS, 75 ohms, BNC
Synchronisation	1.0 Vp-p, 75 ohms, BNC
Sync. system	16x 1.0 Vp-p, 75 ohms, BNC (camera sync)
Bandwidth	10 MHz (+/- 3 db)
Signal-to-noise ratio	>60 db
Cross talk	56 db at 4.5 MHz
Tilt	1.0 % typ.
Switching	Cross-point matrix
On-screen display	Date/time, camera number, alarm status and up to 16 characters programmable camera titles and calendar Date/time format may be defined as MM/DD/YY, DD/MM/YY or YY/MM/DD, Summer/winter time switching
Event Actions	Event actions as camera/monitor selection, start of sequences/salvos/tours/presets/aux. started by input selection, alarm, alarm reset, timer, programmed functions
Control ports	2x RS-232/RS-485 each
Alarm inputs	16 Alarm inputs

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Alarm outputs	2x Relais outputs (30 VDC/2 A, 125 VAC/60 W); 24x open collector; alarm status and display outputs
Wiring/Control code output	1x Control port RS-485; 16x Coaxial over BNC
PC interface	RS-232
Keyboard	Max. 8 Keyboards over RS-485 interface
Site Control	Control for the functions: fixed or variable speed P/T's, zoom, focus, iris and auxiliaries at suitable equipped camera sites for VPT-41/VPT-42 p/t head series, the dome camera series Spectra and the integrated positioning system Esprit
Camera sequences	Up to 32 sequences including up to 32 cameras, adjustable dwell time/channel
Salvo switchings	32 salvos of up to 16 cameras to four monitors and up to 255 presets/camera site
Tour control	32 tours with up to 64 positions including 16 cameras to 4 monitors, 160 alarms, up to 255 presets and 8 auxiliary functions max.
Programming	Via on-screen menu
System partitioning	Keyboard to monitor access: only selected keyboards can access selected monitors Monitor to camera view access: Prevents selected monitors from displaying video from selected cameras
Alarm processing:	
Automatic alarm call-up	Up to 16 alarm inputs can be programmed to call any camera or camera salvo to monitor.
Alarm display modes	External alarms will call cameras to selected monitors and override the current operational display
Alarm clearance modes	Alarms are cleared either by keyboard acknowledgement, alarm contact deactivation or time out
VCR Synchronisation input	2x for VCR 1 and 2
VCR function control	Analogue or via RS-232 interface (VCR 1 and 2)
Menu languages	English/German/Italian/French and Spanish
Password protection	Up to 16 user user defined combinations of name and password

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Priority levels	8 priority levels available
Voltage supply	100 to 240 VAC, 50/60Hz
Power consumption	12 W max.
Temperature range	0°C to +50°C
Mounting	Desktop or rack mount
Housing	Steel metal
Colour	Pantone Coolgray 1C
Dimensions/Desktop (HxWxD)	88 x 432 x 352 mm
Weight	4.8 kg

Accessories	
EDP No. / Type	Description
75105 VKR-KB1	System keyboard for fixed speed PTZ control for matrix switchers VKR-16/4 and VKR-32/8, RS-485 serial interface, desktop unit
75106 VKR-KB2	System keyboard for multi speed PTZ control for matrix switchers VKR-16/4 and VKR-32/8, RS-485 serial interface, desktop unit
75107 VKR-KBAK1	Connection kit for VKR matrix switcher keyboards, 230 V PSU
75108 VKR-KBAK2	Connection kit for local VKR matrix switcher keyboards
75109 PTZFI-R/VT-230V	Telemetry receiver with VT RS-485 interface for 230/110VAC or 24 VAC P/T heads (depending on the input voltage), 8-12 VDC zoom lens in weatherproof housing, w./o. preset function
75111 PTZFI-R/VT-24V	Telemetry receiver with VT RS-485 interface for 24 VAC P/T heads, 8-12 VDC zoom lens in weatherproof housing, w./o. preset function
75112 VKR-SW	PC application software package and adapter cable for VKR matrix switcher series

Zubehör von	
EDP No. / Type	Description
73259 VPT-41RSVT-PO	Pan/tilt head for fixed speed with integrated receiver/driver board (VT protocol)
73564 VPT-42RSVT-PO1	Pan/tilt head for variable speed with integrated R/D board (VT protocol)

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