

# EKR-16/4

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EKR-16/4  
16-4 Video/Telemetry Matrix Switcher, 230VAC,



**Art-Nr. 75208**



## Main Features

<b>Up to 16 Inputs/4 Outputs</b>	<b>Camera Control Selection: Coaxial or RS-485</b>
<b>Multiple Language On-Screen Menu Driven Set-up</b>	<b>Videoloss Detection</b>
<b>Time/Date/Text Insertion</b>	<b>Video Signal Masking of Fixed Cameras</b>
<b>Group Call-up for Cameras/Monitors</b>	<b>VCR Trigger Management</b>
<b>Programmable Camera Sequences incl. Preset Calls</b>	<b>Password Protected</b>
<b>Automatic Alarm Call-up</b>	<b>Different Keyboard Versions Available</b>

## Specifications

<b>Switching</b>	Cross-point matrix
<b>Video inputs (amount)</b>	16
<b>Video inputs loop-through</b>	no
<b>Video inputs</b>	Up to 16x 1.0Vp-p, (C)VBS, 75ohms, BNC
<b>Video outputs (amount)</b>	4
<b>Video outputs</b>	4x 1Vp-p, (C)VBS, 75ohms, BNC
<b>Alarm inputs</b>	Up to 16 (NO/NC)
<b>Alarm output</b>	Relay output, 50VAC/0.3A resistive
<b>Alarm display modes</b>	External alarms will call cameras to selected monitors and override the current operational display
<b>Alarm clearance modes</b>	Alarm will be closed either by keyboard acknowledgement
<b>Automatic alarm call-up</b>	Up to 16 alarm inputs can be programmed to call any camera or camera salvo to monitor.
<b>Keyboard</b>	4x keyboards max. via RS-485 interface

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(Continuation Specifications)

<b>Camera control</b>	serial, Control for the functions: fixed or variable speed P/T's, zoom, focus, iris and auxiliaries at suitable equipped camera sites
<b>VCR function control</b>	Head switch pulse
<b>Bandwidth</b>	>6MHz
<b>Signal-to-noise ratio</b>	>60db
<b>Covert camera operation</b>	programmable
<b>Camera sequences</b>	Sequences up to 16 cameras, adjustable dwell time/channel
<b>Menu languages</b>	German, English, Italian, French
<b>On-screen display</b>	Date/time, camera number, alarm status and programmable camera titles.
<b>PC interfaces</b>	RS-232 (ASCII commands, see manual)
<b>Backup</b>	Set-up and firmware update via RS-232 Interface (Distance of up to 15m max.)
<b>Control Interface</b>	RS-485 (Protocols: Videor, Pelco D, Videotec)
<b>Password protection</b>	programmable
<b>Mounting</b>	Desktop or rack mount
<b>Supply voltage</b>	100 ~240VAC, 47/63Hz
<b>Power consumption</b>	15watts max.
<b>Temperature range (operation)</b>	0°C ~+40°C
<b>Housing</b>	Steel metal
<b>Colour</b>	Pantone Cool Gray 8C
<b>Dimensions (HxWxD)</b>	44x432x165mm
<b>Weight</b>	2.6kg
<b>Parts supplied</b>	19" rack ears, Wide range power supply with power cables (Continent, UK and US standard), RJ-11 cables, RJ-11 shunt box, DB25 Alarm connector, Multilingual manual
<b>Certificates</b>	CE

## Optional accessories

<b>75207</b>	<b>EKR-KB1</b>	Universal Keyboard for Matrix Switchers EKR Series, Pantone Coolgray 1C
<b>75205</b>	<b>EKR-8/16-4KB</b>	Universal Keyboard for Matrix Switchers EKR-8/4, EKR-16/4, Pantone Coolgray 1C
<b>75212</b>	<b>EKR-PTZFI-R2</b>	RS-232/RS-485/Coax Telemetry Receiver for 230VAC Input and P/T Heads
<b>75209</b>	<b>EKR-PTZFI-R1</b>	RS-232/RS-485 Telemetry Preset Receiver 230VAC, for P/T Heads 24V/230VAC

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