

Video Security

Signal Processing | eneo EKR Matrix Switcher Series

EKR-8/4

8-4 Video/Telemetry Matrix Switcher,
230VAC

Art-No. 75202



Features

Up to 8 Inputs/4 Outputs

Multiple Language On-Screen Menu Driven Set-up

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

Video Signal Masking of Fixed Cameras

VCR Trigger Management

Password Protected

Different Keyboard Versions Available

Specifications

Switching

Cross-point matrix

Video inputs

Up to 16x 1.0Vp-p, (C)VBS, 75ohms, BNC (with expansion kit, see accessories)

Video inputs (amount)

8

Video inputs loop-through

no

Video outputs

4x 1Vp-p, (C)VBS, 75ohms, BNC

Video outputs (amount)

4

Alarm inputs

Up to 16

Alarm output

Relay output, 50VAC/0.3A resistive

Alarm display modes

External alarms will call cameras to selected monitors and override the current operational display

Alarm clearance modes

Alarm will be closed either by keyboard acknowledgement

Automatic alarm call-up

Up to 16 alarm inputs can be programmed to call any camera or camera salvo to monitor.

Keyboard

4x keyboards max. via RS-485 interface

Camera control

serial, Control for the functions: fixed or variable speed P/T's, zoom, focus, iris and auxiliaries at suitable equipped camera sites

VCR function control

Head switch pulse

EKR-8/4

(Specifications continued)

Bandwidth	>6MHz
Signal-to-noise ratio	>60db
Covert camera operation	programmable
Camera sequences	Sequences up to 16 cameras, adjustable dwell time/channel
Menu languages	English, German, Italian, French
On-screen display	Date/time, camera number, alarm status and programmable camera titles.
PC interfaces	RS-232 (ASCII commands, see manual)
Backup	Set-up and firmware update via RS-232 Interface (Distance of up to 15m max.)
Control Interface	RS-485 (Protocols: VT, Pelco D, Videotec)
Interfaces external storage	4x RS-485 for keyboard connection, 1x RS-485 for Telemetry and Multiplexer control, Coaxial (telemetry receivers up on request)
Password protection	Programmable
Mounting	Desktop or rack mount
Supply voltage	100 ~ 240VAC, 47/63Hz
Power consumption	15watts max.
Temperature range (Operation)	0 ~ +40°C
Housing	Steel metal
Colour	Pantone Cool Gray 8C
Dimensions (HxWxD)	44x432x165mm
Weight	2.6kg
Parts supplied	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

Accessories

75203 / EKR-EB	Expansion kit to 16 Inputs/4 Outputs for EKR-8/4
75205 / EKR-8/16-4KB	Universal Keyboard for Matrix Switchers EKR-8/4, EKR-16/4, Pantone Coolgray 1C
75207 / EKR-KB1	Universal Keyboard for Matrix Switchers EKR Series, Pantone Coolgray 1C
75209 / EKR-PTZFI-R1	RS-232/RS-485 Telemetry Preset Receiver 230VAC, for P/T Heads 24V/230VAC
75212 / EKR-PTZFI-R2	RS-232/RS-485/Coax Telemetry Receiver for 230VAC Input and P/T Heads

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