

SafeMATRIX



**Up to 128 inputs
and up to 12
outputs switchers**

- Two families of equipment with 4 or 12 outputs available.
- All equipment can have from 16 to 128 inputs (16 inputs steps).
- Four outputs equipment can be programmed and controlled by the keyboard fitted on the front panel or by remote keyboard.
- Twelve outputs equipment can be programmed and controlled by remote keyboard only.
- Video selection on each output can be controlled by an independent remote keyboard for each output or by one or more remote keyboards for all outputs.
- Exclusive "**MANAGER BUS**" for connection of optional devices like remote keyboards, P/T/Z and Speed Domes controllers.
- Automatic video selection in accordance with external alarms.
- Automatic video selection in accordance with weekly scheduling.

SafeMATRIX switchers are grouped in two different families with 4 or 12 independent video outputs. Four outputs switcher can have 16 or 32 video inputs, while twelve outputs switchers can have 16, 32, 48, 64, 80, 96, 112 or 128 video inputs. Switchers with 16 or 32 video inputs can be supplied in desk enclosure; switchers with 48 inputs or more can be supplied in rack enclosure.

Each video output has a message generator that can superimpose four different types of messages on the picture: camera number, date, hour, camera ID message, system ID message and alarm messages. The user can set freely each message and he can enable or disable it singularly.

SafeMATRIX can select cameras on each output independently and automatically by weekly schedule or by external alarm activation.

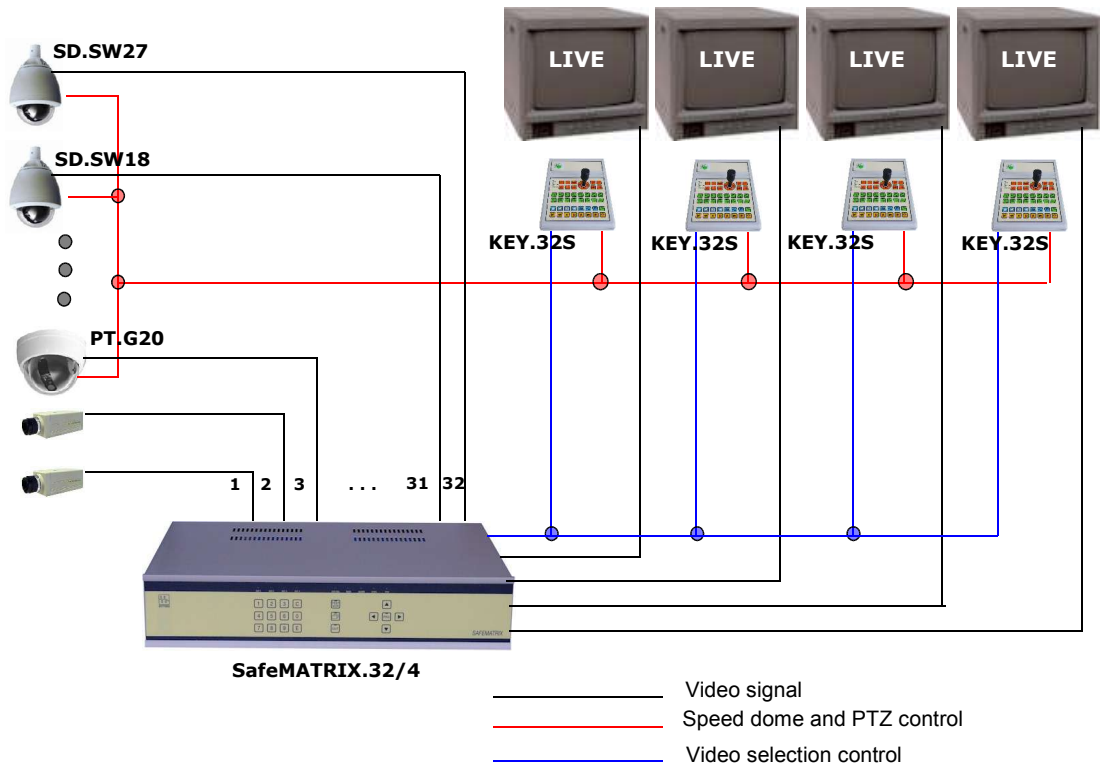
The MANAGER-BUS allows to connect to the switcher one or more remote keyboards for manual video selection; four outputs switchers can control up to four remote keyboards and twelve outputs switchers can control up to twelve remote keyboards; each keyboard can control one or more outputs according with relevant setting.

SafeMATRIX switchers can drive two VCRs independently and so they have two separate clock inputs for signals coming from VCRs.

All equipments have auxiliary reed outputs that allow to activate external signaling.

Four outputs switcher can be set by the front panel keyboard with the help of the on screen menu.

Twelve outputs switcher do not have the front panel keyboard and they can be set by means of a remote keyboard KEY.32. Setting procedure is protected by password.



GENERAL FEATURES	SAFE.MTX-xx/4	SAFE.MTX-xx/12
Video Inputs (1 Vpp / 75 ohm)	xx = 16 or 32	xx = from 16 to 128
Video outputs (1 Vpp / 75 ohm)	4	12
Bandwidth on analog output	10 MHz / -3 db	
Alarm inputs	xx = 16 or 32	xx = from 16 to 128
Time-Date/camera ID (characters)/site ID (characters)	YES / 20 / 20	YES / 12 / 12
Control bus (M-BUS) for optional devices	YES	
P/T/Z and Speed Domes controll by external keyboard	YES	
Daily and weekly scheduling	YES	
On screen setting menu	YES, only 16 and 32 inputs switchers	
PC setting menu	YES	
User selectable access code to setting menu	YES	
Standard	CCIR / PAL	
Main power voltage	- - -	220 Vac / 50 Hz
DC power input voltage	10,4 - 13,7 Vdc	
Dimension (mm.)	430x310x89 or rack19"	

RELATED EQUIPMENT	
	Remote keyboard for video selection (cod. KEY.32)
	Remote keyboard for video selection and speed domes control (cod. KEY.32S)
	Day-Night speed dome cameras (cod. SD.SW18 or SD.SW27)
	Minidome camera with P/T and preset (cod. PT.G20)

ERMES ELETTRONICA s.r.l. - Via Verri 87/B - 31010 MARENO DI PIAVE (TV) ITALY

Phone: +39 0438 308470 - Fax: +39 0438 492340 - email: ermes@ermes-cctv.com - Web: <http://www.ermes-cctv.com>

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