ViCros III

Modular Matrix System

Product information

ViCros III modular system matrix for complex installations. Extremely compact (I/Os: 128 on 32 in only 6 HU / 19"). Lots of potential for expansion. Optional: cable length compensation with galvanic decoupling, video signal monitoring with individual camera thresholds.

| High density: 256 to 32 or 128 video inputs to 64 video outputs in a 19" x 6 HU sub-rack

| Output expansion is carried out in steps of 16

| Input expansion is carried out in steps of 16

| Very high bandwidth, 30 MHz (typical)

| Scalable hardware retaining typical bandwidth of 30 MHz, even with the biggest systems

| Integrated text insertion on all video outputs for insertion of camera number, camera title, output number, output title, date, time, alarm texts, etc.

| Integrated sync. signal monitoring

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Competence in Video Security

Technical data

	ViCros III with 128 inputs and 32 outputs and text insertion
Input and output connections	SMB sockets, gold-plated
Input and output impedance	75 Ohm
Video standard	CCIR/PAL or EIA/NTSC
Input and output voltage	1 Vpp
Gain	Matrix size: 128 inputs x 32 outputs: 0 dB ± 0.2 dB matrix size: 512 inputs x 256 outputs: 0 dB ± 0.6 dB
Upper cut-off frequency, dependent on matrix size and signal distribution; typical values:	Matrix size: 128 x 32 one input to one output: 60 MHz +1 dB/-3 dB 10 MHz +0.2 dB, -0 dB one input to all outputs: 20 MHz +0 dB/-3 dB 10 MHz +0 dB, -0.2 dB matrix size: 128 x 256 one input to one output: 60 MHz +1 dB/-3 dB 10 MHz +0 dB, -1 dB one input to all outputs: 15 MHz +0 dB/-3 dB 10 MHz +0 dB, -1 dB
Lower cut-off frequency	0.2 Hz at -3 dB
Differential phase	< 1°
Differential gain	< 0.5 %
Crosstalk 0 to 5 MHz	Adjacent signals: > 50 dB, typical 55 dB non-adjacent signals): > 60 dB, typical 70 dB
Signal/noise ratio	>70 dB
Power supply	85 - 264 VAC, IEC-320 inlet connector
Power consumption	All outputs on: max. 30 W all outputs off: max. 13 W
Operating temperature range	0° C to + 50 °C
Weight of Racks (empty)	VX3-BGT16/4: 7.32 kg / VX3-BGT8/2: 6.15 kg
Dimensions	6 HU x 19" x approx. 300 mm

Order Data	VX3-X16/16S	VX3-X16/32S	VX3-OT16S
Video inputs	16 x composite (2 x SMB sockets) 1 Vpp/75 Ohm or Hi-Z (linkable) for loop-through or signal	16 x composite (2 x SMB sockets) 1 Vpp/75 Ohm or Hi-Z (linkable) for loop-through or signal	-
Video outputs	16, internal bus only	32, internal bus only	16 x composite (2 x SMB sockets) 1 Vpp/75 Ohm or Hi-Z (linkable) for loop-through or signal
Weight	342 g	272 g	280 g
Dimensions	6 HU x 19" x approx. 300 mm		
Order No.	**0.42650**	**0.42660**	**0.42690**

Technical alterations reserved

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