

Product Information

SQ-E / FQ-E

Economy Mono and Colour Quad with High Picture Quality and an Optimum in Functionality

Product Data

- SQ-E (b/w quad system)
- FQ-E (colour quad system)
- resolution of up to 2048 x 512 pixel
- 4 video inputs
- 1 monitor output / 1quad output
- real-time replay (25 frames / second)
- 12 VDC



Description

The Economy Quad series from videotronic infosystems combines an optimum in functionality and high picture quality with excellent value for money. Two models make flexible use in the most different video systems possible.

The mono model SQ-E convinces with its extremely high resolution of 2048 x 512 pixels. This ensures high detail rendition – which is especially important for mono systems - even in quad operation.

Naturally, the colour version FQ-E is also equipped with a high resolution. 1024 x 512 pixels ensure a detailed colour rendition.

Both models render the pictures in real-time (25 frames / second), resulting in no loss of detail and preventing the user from fatigue caused by eyestrain.

The quads come in an elegant metal housing and have touch controls for ease of use.

A power supply unit (230 Volt / 12 Volt) is included in the scope of delivery, enabling potential-free operation and thereby avoiding hums in the video picture.

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SQ-E / FQ-E

Technical Specifications

Type	SQ-E	FQ-E
Application	4 x screen splitter (mono)	4 x screen splitter (colour)
Video inputs	4	4
Video outputs	1x monitor, 1x quad	1x monitor, 1x quad
Real time	25 fps	25 fps
Resolution	2048 x 512 pixels	1024 x 512 pixels
Band width	analogue 8 MHz, digital 4,5 MHz	analogue 8 MHz, digital 2,8 MHz
Grey steps	8 Bit, 256	8 Bit, 256 / Y = 8 Bit, C = 8 Bit
Cross talk	60 dB	60 dB
Signal-to-noise ratio	46 dB	46 dB
Scanning system	CCIR, 625 lines, 50 Hz	PAL, 625 lines, 50 Hz
Video signal	BAS 1 Vpp at 75 Ohm	FBAS, 1 Vpp at 75 Ohm
Operating voltage	12 VDC / 5 W	12 VDC / 5 W
	via 230 V power adapter	via 230 V power adapter
EMI	acc. to. EN 50081-1, 55011 cl. B	acc. to. EN 50081-1, 55011 cl. B
EMC	acc. to. EN 50082-2, 50204, EN 61000-4-2, -3, -4, -6 EN 50130-4	acc. to. EN 50082-2, 50204, EN 61000-4-2, -3, -4, -6 EN 50130-4
Safety	acc. to. EN 60950, 60065	acc. to. EN 60950, 60065
IP rating	IP40 / cl. III	IP40 / cl. III
Weight	0.75 kg (without power adapter)	0.75 kg (without power adapter)
Dimensions (W x H x D)	220 x 50 x 140mm	220 x 50 x 140mm
Housing finish	steel sheet	steel sheet
Colour	grey / beige, RAL 7035	grey / beige, RAL 7035
19" rack mount	no	no
Operating temperature	0° C up to +50° C	0° C up to +50° C
Connectors		
Video input / output	BNC connector	BNC connector
Accessories included	operation manual, power adapter 230 V AC/12 V DC	operation manual, power adapter 230 V AC/12 V DC

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