

Product Information

Camera

CCD-TRI-Q[®] II colour-mono day/night camera with 480 TV lines resolution, 568,000 pixels at output and backlight function

Product Data

- I.R. sensitive
- 0.0034 lux at the faceplate (mono)
- 0.0136 lux at the faceplate (colour)
- Auto switch-over colour/mono
- Remote set-up via coaxial cable or RS232 via optional programmer
- Y/C (S-VHS) signal output
- 2H enhancer
- 12 V/DC or 230 V/AC
- Auto shutter 1/100.000th sec.



Description

Which camera delivers crystal clear pictures day and night - 24 hours - with or without I.R. illumination...?

... the next generation CCD-TRI-Q[®] II multi purpose camera!

The new TRI-Q[®] II camera generation from videotronic infosystems always provides clear pictures - in the daytime and at night. Due to its special filter these high-quality 1/2" CCD cameras offer superb and true colour pictures during daylight and automatically switch to mono in case of difficult lighting conditions (if the light levels fall to approximately 0.4 lux). In total darkness the new TRI-Q[®] II is ideally suited for use with I.R. lamps (best around 880 nm). In addition to the true colours provided the camera convinces - due to its EXview chip - with a sensitivity of 0.0034 lux at the faceplate (mono), making the new TRI-Q[®] II camera one of the most sensitive cameras available.

All relevant camera settings can be adjusted at the rear panel of the camera via on-screen menus. An optional programmer box allows the camera to be remotely set up via coaxial cable or RS232.

Only one camera is required for three different ranges of application. This significantly reduces your costs for storage and installation. The TRI-Q[®] II camera is the ideal solution - especially for areas which require around the clock surveillance (e.g. town centres, industrial and military complexes).

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Camera

Technical Specifications

Max. pixels at video output	568.000
Net pixels on chip	440.000
Sensitivity to light	0,0034 lux at the faceplate (mono) 0,0136 lux at the faceplate (colour)
Sensor	1/2" HQ near infrared CCD Chip
Back light (BLC) / Gamma correction	yes / 0,45
Auto shutter	1/50 – 1/100.000 sec.
Signal-to-noise ratio	> 62 dB
AGC / ALC	18 dB / 72 dB
Synchronisation	internal / linelock 0° +/- 300°
Spectral response	380 – 1000 nm
Smear	< 0,004%
Return loss	> 22 dB
Remote set-up	via OSD, coaxial cable or RS232 (optional)
Automatic circuits for	
Colour/mono switch-over	yes
Anti blooming / Gain / Pedestal	yes
White balance	2.400 - 8.000 auto
Scanning system	CCIR/PAL; 625 lines, 50 Hz
Resolution	480 TV lines (horizontal)
Video output signal	(F)BAS 1 Vpp / 75 Ω
Y/C signal	BAS 1 Vpp / 75 Ω / F 0,3 Vpp / 75 Ω
Operating voltage	12 V/DC or 230 V/AC
Consumption	max. 10 VA
Ambient temperature	-10° up to +50° C.
Air humidity	up to max. 95%
IP rating acc. to VDE	IP52 / cl. III
MTBF	120.000 hours
HF-radiation	acc. to VDE 0871, cl. B
EMC	acc. to EN50081-1, EN55011 cl. B
Safety	acc. to EN60950, EN50204, EN61000-4-2
Weight	12V = 450 g / 230V = 650 g
Connections: Video / lens	BNC / CCD-ES-4A (Chuo Musen)
Y/C	4-pin mini DIN connector
12 V/DC	terminal block
230 V/AC	mains cord
Dimensions (W x H x D)	65 x 65 x 135mm
Housing colour	RAL 7035 grey-beige
Accessories included	Operating Instructions, Allan key, C mount adapter

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Errors and omissions excepted.

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