

VARICAM - 23x Optical Zoom

ernitec

Description

The VARICAM-23 & VARICAM-23T are high-end integrated DSP cameras with colour/mono-chrome function and 23 X optical zoom lens. Other features included are built-in protocol via RS-485 interface and 64 zoom pre-positions.

The VARICAM-23T colour/mono camera includes a built-in telemetry receiver for 24VAC pan and tilts.

Both the VARICAM-23 & VARICAM-23T cameras can be controlled directly from matrixes, DVR's and other controller units.

The VARICAM-23 series colour/mono cameras are designed for installation in most security applications. To provide the finest picture quality, the cameras contain the new generation of advanced DSP colour cameras.

The colour cameras include removable IR cut filter and work in very low lux environment. The cameras automatically switch over to B/W mode, when there is too little light for colour. By use of IR light the cameras can be used for 24 hours demanding surveillance.



Varicam-23.



Varicam-23T—rear view with Pan/tilt/AUX connections.

Main Features

- Colour and monochrome changeable
- 23x optical zoom, 10x electronic zoom
- 64 pre-positions on the zoom
- Alarm input (Varicam-23)
- 2 Privacy zone masking – programmable.
- Auto focus, auto brightness control and auto white balance
- RS-485 control with built-in multi-protocols including ERNITEC, PELCO-P/D/C, MOLYNX, KALATEL, VICON, PHILIPS, PANASONIC, A.D. etc.
- Direct controllable from matrixes, DVR's and similar control units
- >480 TV lines (Colour), >570 TV lines (Mono)
- Lens: Focal length: 3,6mm – 82,8mm, F1.6
- Minimum illumination 0.01 lux (0 lux with IR illumination)
- OSD menu, easy to operate
- Frame integration – programmable
- On/off of on screen text such as zoom ratio, clock, titles, pre-pos etc.
- VARICAM-23T includes a built-in telemetry receiver for 24VAC pan/tilt units

Specifications

	VARICAM-23	VARICAM-23T
Sensor device	1/4" CCD PAL	
Video output	1.0 Vpp/75 ohm, BNC connector	
Video format	PAL (NTSC versions available on request)	
Effective number of pixels	PAL: 380.000	
Minimum illumination	0 Lux (IR illuminator) 0.01 Lux (monochrome) 0.08 Lux (Colour)	
Horizontal resolution	> 480 lines (colour), 570 lines (B/W)	
Luminance signal to noise ratio	> 52dB	
Electronic shutter	1/1.5 - 1/30K sec.(PAL)	
Video synchronisation	Internal or line lock	Internal (used 24VAC PSU)
AGC	Auto/manual	
BLC – Backlight Compensation	On/off/programmable	
AWB – Automatic White Balance	Auto/manual	
Lens		
Focal length	3.6 - 82.8 mm, F 1.6	
Horizontal angle of view	47°-2.2°	
Focus mode	Auto/manual	
Zoom speed	3.9 sec / 6.3 sec	
Iris control	Auto/manual	
Optical zoom	23 x	
Digital zoom	1x – 10x	
Min. object distance	0.01m (w) to 1.0m (t)	
Number of pre-positions	64	
Number of Privacy Zones	2	
Pan/tilt Data		
Pan/Tilt voltage output		24VAC Max. load 2A
Auxiliary Control	AUX1, AUX2 & AUX3 relays	AUX1 relay
Control Interface		
Alarm Input	Yes (Calls prepos. 1)	
Protocol	ERNITEC, PELCO-D, PELCO-P, PELCO-C, MOLYNX, KALATEL, VICON, A.D., LILIN, PHILPS, VCL, PANASONIC and more.	
Electrical interface	RS-485, 2400, 4800, 9600 & 19200 bps. (Up to 255 addresses)	
Physical Characteristics		
Size (diameter x height)	70x80x123mm	70x80x187mm
Weight	0,5 kg	0,8 Kg
Power		
Voltage Supply	12VDC <500mA	24VAC <6W + pan/tilt consumption
Environmental Characteristics		
Operating temperature	0°C to +40°C	
Humidity	<85%	



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