

Product Information

Mini Dome

Vandal Resistant Mini Dome Cameras for Wall- or Ceiling Mount

Product Data

- 1/3" Interline Transfer respectively Super HAD CCD Chip
- max. 420 TV lines (b/w) or 380 TV lines (colour) resolution
- b/w or colour version
- minimum illumination: 0.05 lux (b/w) or 1 lux (colour) with F 2.0 lens
- high speed auto shutter



Description

The very compact design of videotronic infosystems' mini dome cameras allows to discretely mount them in the most different monitoring areas. The robust design of the camera in a metal housing gives additional protection against vandalism. This makes it possible to use the cameras indoors - even if they have to be mounted within the reach of persons (e.g. in a bus).

In addition to the compact dimensions of ($\varnothing = 47 \text{ mm} \times H = 43.4 \text{ mm}$ for surface mount version) the cameras excel with good picture quality under different lighting conditions, a built-in backlight compensation masters even the most difficult ones.

The cameras are fitted with a 4.3 mm lens which results in a horizontal angle of 60° and come with a DIY cable adapter for connection.

A total of four different models are available. The domes are available as colour or mono versions and for ceiling- respectively wall mount.

Please refer to the following page for additional information.

Security in Focus.

Mini Dome

Technical Specifications

Camera type	MDWB-S	MDCB-S	MDWC-S	MDCC-S
	B/W	B/W	Colour	Colour
Sensor	1/3" Interline Transfer	1/3" Interline Transfer	1/3" Super HAD CCD	1/3" Super HAD CCD
Resolution	420 horizontal lines	420 horizontal lines	380 horizontal lines	380 horizontal lines
Min. illumination	0.05 lux / F2.0	0.05 lux / F2.0	1 lux / F2.0	1 lux / F2.0
Lens included	4.3 mm pinhole	4.3mm pinhole	4.3 mm pinhole	4,3 mm pinhole
Enhancer	Yes	Yes	Yes	Yes
Gamma correction	0.45	0.45	0.45	0.45
Signal-to-noise-ratio	> 50 dB	> 50 dB	> 45 dB	> 45 dB
AGC / ALC	24 dB / 64 dB	24 dB / 64 dB	24 dB / 64 dB	24 dB / 64 dB
Backlight function	Yes	Yes	Yes	Yes
Synchronisation	Internal	Internal	Internal	Internal
Electronic shutter	1/50 – 1/100,000	1/50 – 1/100,000	1/50 – 1/100,000	1/50 – 1/100,000
Spectral response	380 – 1.000 nm	380 – 1.000 nm	380 – 660 nm	380 – 660 nm
Smear	< 0.003%	< 0.003%	< 0.003%	< 0.003%
Depth of modulation	80%	80%	80%	80%
Dark current	< 1%	< 1%	< 1%	< 1%
Return loss	> 20 dB	> 20 dB	> 20 dB	> 20 dB
LAG current	0%	0%	0%	0%
Precharge level by sub.	Yes	Yes	Yes	Yes
Autom. Circuits for Gain / Pedestal	Yes	Yes	Yes	Yes
Scanning system	CCIR, 625 lines, 50Hz	CCIR, 625 lines, 50Hz	CCIR, 625 lines, 50Hz	CCIR, 625 lines, 50Hz
Video output signal	BAS 1 Vpp / 75 Ohm	BAS 1 Vpp / 75 Ohm	FBAS 1 Vpp / 75 Ohm	FBAS 1 Vpp / 75 Ohm
Voltage / Consumption	12 V DC / 1.5 W	12 V DC / 1.5 W	12 V DC / 1.5 W	12 V DC / 1.5 W
Operating temperature	- 10° C to + 50° C	- 10° C to + 50° C	- 10° C to + 50° C	- 10° C to + 50° C
Air humidity	Up to 90%	Up to 90%	Up to 90%	Up to 90%
IP rating	IP 40 / cl. III	IP 40 / cl. III	IP 40 / cl. III	IP 40 / cl. III
MTBF	80,000 hours	80,000 hours	80,000 hours	80,000 hours
EMI	Acc. EN50081-1, EN5011 class B	Acc. EN50081-1, EN5011 class B	Acc. EN50081-1, EN5011 class B	Acc. EN50081-1, EN5011 class B
EMC	Acc. EN 50082-2, EN 50204, EN61000-4 -2,-3,-4,-6, EN50130-4	Acc. EN 50082-2, EN 50204, EN61000-4 -2,-3,-4,-6, EN50130-4	Acc. EN 50082-2, EN 50204, EN61000-4 -2,-3,-4,-6, EN50130-4	Acc. EN 50082-2, EN 50204, EN61000-4 -2,-3,-4,-6, EN50130-4
Safety	Acc. EN 60950, EN60065	Acc. EN 60950, EN60065	Acc. EN 60950, EN60065	Acc. EN 60950, EN60065
Lens holder	Special	Special	Special	Special
Wall / Ceiling mount	Surface mount	Flush mount	Surface mount	Flush mount
Weight / Housing colour	0.2 kg / silver	0.2 kg / silver	0.2 kg / silver	0.2 kg / silver
Housing material	Metal	Metal	Metal	Metal
Dimensions (Diameter x H)	47 x 43.4 mm	47 x 43.4 mm	47 x 43.4 mm	47 x 43.4 mm

© videotronic infosystems gmbh, Germany 08/2002
Errors and omissions excepted.

Security in Focus.

videotronic[®]
infosystems