

Silent Witness[®] MID Cameras

Quad Dome



Pinhole



Mini-Cam

Silent Witness' Micro Imaging Devices

Silent Witness' Micro Imaging Devices (MID) include the Pinhole, the Mini-cam and the Quad Dome. The MID cameras are small, discreet and consume a minimal amount of power.

Pinhole Features:

- High resolution black and white
- Mounting bracket, power supply RCA and BNC adapter included
- Field of view — 68° Horizontal

Mini-Cam Features:

- Measures only 17.5 mm
- Color or black and white
- 2.5*, 4.0, 6.0, 12.0 mm lenses available
- Swivel mount bracket included

Quad Dome Features:

- Color or black and white
- 2.5*, 4.0, 6.0, 12.0 mm lenses available
- 360° surveillance
- Flush or pendant mount
- Install 2 or 4 Silent Witness Mini-Cams into the housing

Silent Witness' line of miniature surveillance cameras offer a combination of compact size, sharp video imaging, and compatibility with a variety of integrated surveillance systems. The black and white versions are infrared sensitive.

Combine any of the Micro Imaging Devices with the Puck Infrared Illuminator, and you have a great low-cost nighttime surveillance solution.

But best of all, these cameras are highly affordable, which is ideal for discreet surveillance, home security, and integrated monitoring solutions.

**Available in North America only*

**SILENT
WITNESS[®]**
Securing your world

www.silentwitness.com
Toll free: 1-888-289-2288
International: 1-604-574-1523

MINI-CAM, PINHOLE & QUAD DOME CAMERA SPECIFICATIONS

MINI-CAM AND QUAD DOME COLOR AND BLACK AND WHITE CAMERA SPECIFICATIONS

	NTSC	PAL	EIA	CCIR
Imager Format	1/3 inch CMOS Color		1/3 inch CMOS B&W	
Active Image Area	4.69 mm (Horizontal) 3.54 mm (Vertical)	5.78 mm (Horizontal) 4.19 mm (Vertical)	4.69 mm (Horizontal) 3.54 mm (Vertical)	5.78 mm (Horizontal) 4.19 mm (Vertical)
Picture Elements	510 Horizontal 492 Vertical	628 Horizontal 582 Vertical	510 Horizontal 492 Vertical	628 Horizontal 582 Vertical
Resolution	330 TV Lines	380 TV Lines	380 TV Lines	470 TV Lines
Minimum Illumination	Less than 3 Lux with F1.4 lens		0.7 Lux with F1.4 lens	
Sensitivity Boost	+18 db (8x)		+18 db (8x)	
S/N Ratio	More than 45 db (AGC off)		More than 45 db (AGC off)	
Gamma Correction	0.45		0.45	
Scanning System	2:1 Interlaced		2:1 Interlaced	
Standard Built-in Lenses	2.5mm 4mm 6mm 12mm	3.7mm 6mm 12mm	2.5mm 4mm 6mm 12mm	3.7mm 6mm 12mm
Horizontal Field of View	100° 70° 42° 22°	88° 56° 26°	100° 70° 42° 22°	88° 56° 26°
Automatic Image Correction	Brightness, Exposure, White Balance		Brightness, Exposure	
Sync System	Internal		Internal	
Output Signal	Composite video providing 1 volt peak-to-peak signal into 75 ohms			
Automatic Exposure Speeds	1/60 to 1/15,734 second	1/50 to 1/15,625 second	1/60 to 1/15,734 second	1/50 to 1/15,625 second
Warranty	2 years		2 years	

PINHOLE BLACK AND WHITE CAMERA SPECIFICATIONS

	EIA	CCIR
Imager Format	1/3 inch (0.85 cm) CMOS B&W	
Active Image Area	4.69 mm (Horizontal) 3.54 mm (Vertical)	5.78 mm (Horizontal) 4.19 mm (Vertical)
Picture Elements	510 Horizontal 492 Vertical	628 Horizontal 582 Vertical
Resolution	380 TV Lines	470 TV Lines
Minimum Illumination	1.5 Lux with F4.5 lens	
Sensitivity Boost	+18db (8x)	
S/N Ratio	More than 45db (AGC off)	
Gamma Correction	2:1 interlaced	
Scanning System	3.7 mm, F4.5	
Standard Built-in Lenses	68° Horizontal	85° Horizontal
Automatic Exposure Speeds	Brightness, Exposure	
Sync System	Internal	
Output Signal	Composite video providing 1 volt peak-to-peak signal into 75 ohms	
Automatic Exposure Speeds	1/60 to 1/15,734 second	1/50 to 1/15,625 second
Operating Voltage	Min. +5.35 VDC at camera	Max. +12 VDC at camera (operation at +6VDC recommended for optimum video performance)
Operating Current	30 mA typical driving 75 ohm load	
Operating Temperature	-10°F to +122°F (-23°C to +50°C)	
Storage Temperature	-22°F to +158°F (-30°C to +70°C)	
Warranty	2 years	

QUAD DOME PHYSICAL SPECIFICATIONS

Dimensions	6 in. diameter x 5 in. height (153 mm diameter x 127 mm height)
Weight	14.4 oz (408 g) with 4 mini-cameras inside dome
Camera Capacity	2 or 4 Silent Witness Mini-Cams may be installed inside dome
Camera Adjustability	Each camera is mounted on a ball and socket — able to preset pan and tilt position
Environmental	Product is designed for indoor use
Operating Temperature & Humidity: B&W	-23°C to 50°C, -10°F to 122°F, 0-95% RH
Color	-23°C to 40°C, -10°F to 104°F, 0-95% RH
Storage Temperature & Humidity :	-30°C to 70°C, -22°F to 158°F, 0-95% RH
Interface Connections	
Video:	Internal mounting plate with four BNC connectors
Power:	Terminal block and barrel receptacle for 9VDC to 12 VDC power connection
Power Requirements	9VDC at 150MA
Mounting	
Flush Mount Dome:	Includes mounting hardware to allow installation into hollow wall/ceiling
Pendant Mount Kit:	Mounting bracket accepts 1 inch EMT conduit

MINI-CAM PHYSICAL SPECIFICATIONS

Dimensions	0.69 in. x 0.69 in. (17.5 mm x 17.5 mm)
Weight	1.4 oz. (40 g)
Standard Accessories (Included)	Swivel bracket, power supply, RCA to BNC adapter

PINHOLE PHYSICAL SPECIFICATIONS

Dimensions (h x l x w)	1.0 in. x 0.7 in. x 0.7 in. (25.0 mm x 17.0 mm x 17.0 mm)
Weight	1.5 oz. (42 g)
Standard Accessories (Included)	Mounting bracket, power supply, RCA to BNC adapter

www.silentwitness.com

Please refer to our website for the most current technical specifications.

Toll Free (N.A.): 1-888-289-2288 Toll Free (Int'l): 00800-2020-8080 Phone: 1(604)-574-1523 Fax: 1(604)-574-7736 E-mail: swsales@silentwitness.com Specifications subject to change without notice.

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