

# Quad Dome

## Micro Imaging Devices



### Silent Witness Quad Dome

The Silent Witness Quad Dome provides 360 degree surveillance at an affordable price. Install the Quad Dome when you have multiple areas to monitor.

- Install 2 or 4 Silent Witness Mini Cams into the housing
- Color or black and white
- 360° surveillance
- Flush or pendant mount installation
- Highly affordable

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 MID line of cameras consume minimal amounts of power and the black and white versions are infrared sensitive.

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

**SILENT  
WITNESS®**

Evolution of Cameras

[www.silentwitness.com](http://www.silentwitness.com)

Toll free: 1-888-289-2288

International: 00800 2020 8080

## QUAD DOME CAMERA SPECIFICATIONS

Specification	Feature Description
Size	6 inch diameter 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: -23°C to + 50°C, -10°F to +122°F, 0-95% RH (Black & White) -23°C to + 40°C, -10°F to +104°F, 0-95% RH (Color) 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 +12VDC 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
Warranty	2 years

### COLOR CAMERA SPECIFICATIONS

	NTSC	PAL
Imager Format	1/3 inch CMOS Color	1/3 inch CMOS Color
Active Image Area	4.69mm Horiz. x 3.54 mm Vert.	5.78mm Horiz. x 4.19 mm Vert.
Picture Elements	510 Horizontal x 492 Vertical	628 Horizontal x 582 Vertical
Resolution	330 Lines	380 Lines
Minimum Illumination	Less than 3 Lux with f 1.4 lens	Less than 3 Lux with f 1.4 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
Horizontal Field of View	100° 70° 42° 22°	88° 56° 26°
Automatic Image Correction	Brightness, Exposure, White Balance	Brightness, Exposure, White Balance
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

### BLACK & WHITE CAMERA SPECIFICATIONS

	EIA	CCIR
Imager Format	1/3 inch CMOS B&W	1/3 inch CMOS B&W
Active Image Area	4.69mm Horiz. x 3.54mm Vert.	5.78mm Horiz. x 4.19mm Vert.
Picture Elements	510 Horizontal x 492 Vertical	628 Horizontal x 582 Vertical
Resolution	380 Lines	470 Lines
Minimum Illumination	0.7 Lux with f 1.4 lens	0.7 Lux with f 1.4 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 Lens	2.5mm 4mm 6mm 12mm	3.7mm 6mm 12mm
Horizontal Field of View	100° 70° 42° 22°	88° 56° 26°
Automatic image correction	Brightness, Exposure	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

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