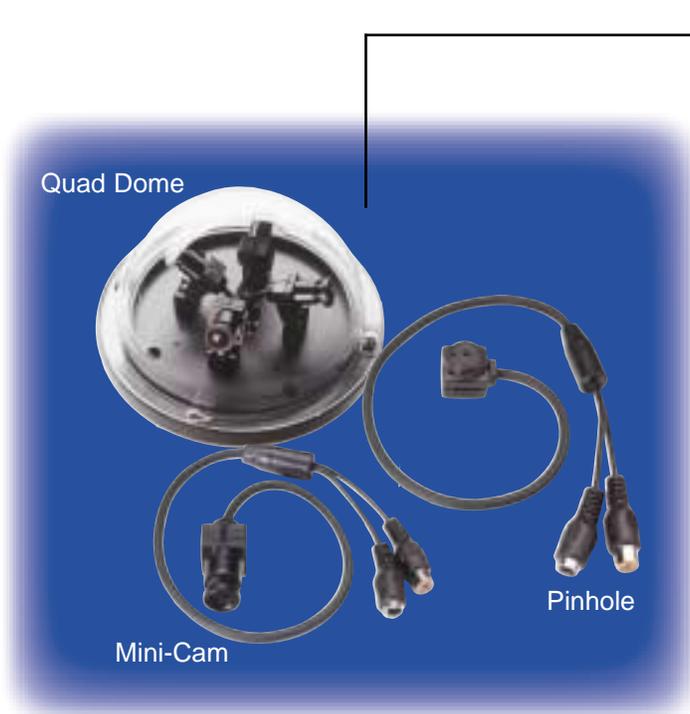


MID Cameras

Micro Imaging Devices



Features:

Pinhole

- High resolution black and white CMOS camera
- Measures only 0.69 in. x 0.68 in. x 0.83 in. (17.5 mm x 21.0 mm x 17.3 mm)

Mini-Cam

- Choose from black and white or color CMOS cameras
- Measures only 0.69 in. x 0.69 in. (17.5 mm x 17.5 mm)

Quad Dome

- Choose from black and white or color CMOS cameras
- Flush or pendant mount
- Install 2 or 4 Mini-Cams into the housing

Honeywell's 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.

Honeywell's 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.

The Quad Dome provides flexibility and ultimate coverage by installing two or four Mini-Cams in the dome. When space is tight and monitoring must be covert, the Mini-Cam and Pinhole meet the demand. The Mini-Cam fits in a 1.2 square inch space. The Pinhole is even smaller, measuring 0.69" x 0.68" x 0.83" (17.5 mm x 21.0 mm x 17.3 mm).

Pinhole

- Includes mounting bracket, power supply, RCA to BNC adapter
- 68° horizontal field of view (NTSC)
85° horizontal field of view (CCIR)

Mini-Cam

- Includes swivel bracket, power supply, RCA to BNC adapter
- 2.5*, 4.0, 6.0, and 12.0 mm lenses available

Quad Dome

- 360° surveillance
- Camera adjustability — each camera is mounted on a ball and socket — able to preset pan and tilt position
- 2.5* 4.0, 6.0, and 12.0 mm lenses available

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*

Honeywell
1.800.796.CCTV

MID Cameras

Camera Specifications:

Mini-Cam and Quad Dome Cameras:

	Color		B&W	
	NTSC	PAL	EIA	CCIR
Imager Format	1/3" CMOS			
Active Image Area	0.18 in. x 0.14 in.	0.23 in. x 0.17 in.	0.18 in. x 0.14 in.	0.23 in. x 0.17 in.
Horizontal x Vertical	4.69 mm x 3.54 mm	5.78 mm x 4.19 mm	4.69 mm x 3.54 mm	5.78 mm x 4.19 mm
Picture Elements				
Horizontal x Vertical	510 x 492	628 x 582	510 x 492	628 x 582
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)			
S/N Ratio	More than 45 dB (AGC off)			
Gamma Correction	0.45			
Scanning System	2:1 Interlaced			
Automatic Image Correction	Brightness, Exposure, White Balance		Brightness, Exposure	
Sync. System	Internal			
Output Signal	Composite video providing 1 Vp-p signal into 75 ohms			
Automatic Exposure Speeds	1/60 to 1/15,734 sec	1/50 to 1/15,625 sec	1/60 to 1/15,734 sec	1/50 to 1/15,625 sec
Warranty	2 years			

Field of View:

	NTSC/EIA				PAL/CCIR		
	2.5 mm	4 mm	6 mm	12 mm	3.7 mm	6 mm	12 mm
Standard Built-in Lens	2.5 mm	4 mm	6 mm	12 mm	3.7 mm	6 mm	12 mm
Horizontal	100°	70°	42°	22°	88°	56°	26°

Pinhole Camera:

	EIA	CCIR
	Imager Format	1/3" CMOS B&W
Active Image Area	0.18 in. x 0.14 in.	0.23 in. x 0.17 in.
Horizontal x Vertical	4.69 mm x 3.54 mm	5.78 mm x 4.19 mm
Picture Elements		
Horizontal x Vertical	510 x 492	628 x 582
Resolution	380 TV lines	470 TV lines
Minimum Illumination	1.5 Lux with F4.5 lens	
Sensitivity Boost	+18 dB (8x)	
S/N Ratio	More than 45 dB (AGC off)	
Scanning System	2:1 Interlaced	
Standard Built-in Lens	3.7 mm, F4.5	
Field of View	68° Horizontal	85° Horizontal
Automatic Image Correction	Brightness, Exposure	
Sync. System	Internal	
Output Signal	Composite video providing 1 Vp-p signal into 75 ohms	
Automatic Exposure Speeds	1/60 to 1/15,734 sec	1/50 to 1/15,625 sec
Warranty	2 years	

MID Cameras

Physical Specifications:

Quad Dome:

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



Mini-Cam:

Dimensions (D x H)	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
Environmental	
Operating Temp. and Humidity:	-10°F to 140°F (-23° to 60°C), 0-95% RH
Storage Temp. and Humidity:	-22°F to 158°F (-30°C to 70°C), 0-95% RH
Power Requirements	6 VDC at 33 mA



Pinhole:

Dimensions (W x H x D)	0.69 in. x 0.68 in. x 0.83 in. (17.5 mm x 21.0 mm x 17.3 mm)
Weight	1.5 oz (42 g)
Standard Accessories (included)	Mounting bracket, power supply, RCA to BNC adapter
Environmental	
Operating Temp. and Humidity:	-10°F to 122°F (-23°C to 50°C), 0-95% RH
Storage Temp. and Humidity:	-22°F to 158°F (-30°C to 70°C), 0-95% RH
Operating Voltage	Min. 5.35 VDC at camera (EIA) Max. 12 VDC at camera (CCIR) <i>(operation at +6 VDC recommended for optimum video performance)</i>
Operating Current	30 mA typical driving 75 ohm load



MID Cameras

Ordering Information:

Quad Dome:	<p>QD 4 B 06 N 2</p> <ul style="list-style-type: none"> 2 120 VAC / 9 VDC (EIA / NTSC only) 9 No power supply N NTSC P PAL <p>Lens Options</p> <ul style="list-style-type: none"> 25 2.5 mm (NTSC / EIA only) 04 3.7 mm / 4.0 mm (PAL / NTSC) 06 6.0 mm 12 12.0 mm 99 No lens <p>Camera Options</p> <ul style="list-style-type: none"> B Monochrome C Color <p>Camera Options</p> <ul style="list-style-type: none"> 2 Two cameras 4 Four cameras
Mini-Cam:	<p>MC B 06 00N1 001(optional)</p> <ul style="list-style-type: none"> 001 & BLC <p>Power Supply (EIA / NTSC)</p> <ul style="list-style-type: none"> 00N1 120 VAC / 6 VDC 00N2 120 VAC / 9 VDC 00N9 No power supply <p>Lens Options</p> <ul style="list-style-type: none"> 25 2.5 mm (NTSC / EIA only) 04 3.7 mm / 4.0 mm (PAL / NTSC) 06 6.0 mm 12 12.0 mm 99 No lens <p>Camera Options</p> <ul style="list-style-type: none"> B Monochrome C Color
Pinhole:	<p>PH B37 00N1</p> <p>Power Supply (EIA / NTSC)</p> <ul style="list-style-type: none"> 00N1 120 VAC / 6 VDC 10N2 120 VAC / 9 VDC 00N9 No power supply <p>(PAL / CCIR)</p> <ul style="list-style-type: none"> 10P3 230 VAC / 9 VDC, European plug 10P4 230 VAC / 9 VDC, UK plug 00P5 230 VAC / 6 VDC, European plug 00P6 230 VAC / 6 VDC, UK plug 00P9 No power supply

Design and specifications subject to change without notice.

Honeywell Video Systems - www.honeywellvideo.com			
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