

HCX13M Camera

1.3 MEGAPIXEL COLOUR NETWORK CAMERA

Honeywell's HCX series of megapixel cameras offers world-class video and leading-edge IP networking technologies. When object recognition is needed over a vast field of view, one megapixel camera can often do the same job as several standard analogue cameras. Megapixel technology increases the effectiveness of your security system by providing greater detailed images while saving on installation and equipment costs.

The HCX13M is a megapixel colour network camera that offers up to 1.3 MP (1280 X 1024) with frame rates up to 30 frames per second. It adapts to varying lighting conditions to ensure the highest picture quality even in low-light conditions down to 0.2 lux. User selectable exposure windows optimise video performance in the areas of interest. More detailed viewing can be performed using the digital PTZ control.

The HCX13M network camera includes advanced bandwidth management tools to optimise performance over any network. A built-in Web server provides password protected access to video and network set-up. Set-up is quick and easy and can be customised through a Web client or from an NVR multi-zone motion detection to trigger motion-based video streaming and privacy zones for blocking portions of the scene that are not to be recorded. An analogue output facilitates set-up of zoom and focus of the lens using spot monitors and allows easy integration with public view monitors. Choose between 12 VDC/24 VAC power input or PoE 802.3 af for additional installation flexibility.



The HCX13M provides optimum performance for both indoor and outdoor applications requiring higher resolution over a larger field of view than is available from a high resolution analogue camera. Retail and banking industries greatly benefit from using megapixel cameras. When fraud is suspected or transactions are being audited, the operator can position the camera to view the complete till transaction process and zoom in to capture the 'customer's' identifying features. Other applications include multi-lane carriageways, wide lobbies, gated entrances and loading bays.

Features

- 1280 X 1024, HD, XGA, SVGA, 4CIF, VGA, 320 X 256 resolutions
- Excellent low light performance, down to 0.2 lux.
- Up to 30 fps at 4CIF1
 - 20 fps at HD
 - 15 fps at 1.3 MP
- Includes 4.0 mm to 10 mm F1.8 lens
- Analogue video output for set-up of lens
- MJPEG compression
- 1 with image cropping



- Multi-zone motion detection
- User selectable exposure window
- Password protection prevents unauthorised users from altering system settings
- Web server for remote set-up of camera video and network parameters
- 12 VDC/24 VAC or PoE 802.3 af choice of power inputs

HCX13M Camera

SPECIFICATIONS

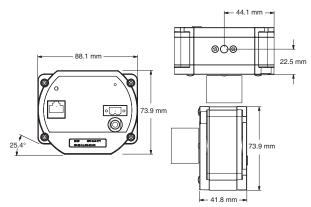
Operational	
Image Sensor	1/3" CMOS imager, progressive scan
Minimum Illumination	0.2 lux colour
S/N Ratio	50 dB or more (AGC off)
Auto Gain Control	Peak detect, dark detect, clip average, average
Automatic Electronic Shutter	1/5 – 1/10,000 sec
Gamma	0.45
White Balance	Automatic
Digital Slow Shutter	1X – 4X
Analogue Output	NTSC/PAL (operational when Ethernet not connected)
Analogue Video Output	1.0 Vp-p @ 75 Ohms
Motion Detection	Multi-zone Include/Exclude
Exposure Window	Include, variable size
Privacy Zones	Multiple exclude zones
Electrical	
Input Voltage	12 VDC/24 VAC, PoE 802.3af
Input Range	12-24 VDC, 22-26 VAC
Surge Suppression	1.5 kW transient
Power Consumption	2.5 W (max)
Mechanical	
Dimensions	See Diagram
Weight	0.16 kg camera only
Construction	Housing: Aluminium Finish: Grey Painted
Connector	Video Output: RCA connector Power Input: Removable screw terminal block Network: RJ45 connector
Environmental	
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C
Relative Humidity	0% to 85%, non-condensing
Regulatory	
Emissions	FCC, CE (EN55022)
Immunity	CE (EN55024)
Safety	LVD 2006/95/EC

IP Specification	s
Resolutions	1280 X 1024, HD, XGA, SVGA, 4CIF, VGA, 320 x 256
Frame Rate ¹	Up to 15 fps @ 1.3 MP 20 fps @ HD 30 fps @ 4CIF
Video Streaming	MJPEG controllable frame rate and bandwidth. Constant and variable bit rate
Security	Multiple user access levels with password protection
Users	3 simultaneous unicast
Video Access From Web Browser	Camera live view for up to 3 clients. Full control of all camera settings available to administrator.
Minimum Web Browsing Requirements	Pentium IV CPU 3.0 GHz or equivalent AMD, 512 MB RAM, AGP graphics card (32 MB RAM) Windows XP, 2000, Internet Explorer 6.x or later
Supported Protocols	IPv4, HTTP, TCP UDP, FTP, SMTP, ICMP DHCP, ARP, DNS
Environmental	
Mounts	
HBC5WT	Wall/ceiling mount bracket

System Compatibility

The Megapixel range is supported by a comprehensive line of video management systems and accessories. Visit the Megapixel product pages on www.honeywell.com/security/uk for up-to-date information on system compatibility.

with image cropping



HCX13MW 1/3" CMOS 1.3 Megapixel Colour Network Camera, 12 VDC/24 VAC or PoE 802.3 af, 4.0 mm to 10 mm VFMI F1.8 lens include	Ordering	dering		
	HCX13MW	1/3" CMOS 1.3 Megapixel Colour Network Camera, 12 VDC/24 VAC or PoE 802.3 af, 4.0 mm to 10 mm VFMI F1.8 lens included		

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security & Data Collection

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HCX3 Camera

3.1 MEGAPIXEL COLOUR NETWORK CAMERA

Honeywell's HCX series of megapixel cameras offers world-class video and leading-edge IP networking technologies. When object recognition is needed over a vast field of view, one megapixel camera can often do the same job as several standard analogue cameras. Megapixel technology increases the effectiveness of your security system by providing greater detailed images while saving on installation and equipment costs.

The HCX3 is a megapixel colour network camera that offers up to 3.1 MP (2048 x 1536) with frame rates up to 30 frames per second. It adapts to varying lighting conditions to ensure the highest picture quality even in low-light conditions down to 0.3 lux. User selectable exposure windows optimise video performance in the areas of interest. More detailed viewing can be performed using the digital PTZ control.

The HCX3 network camera includes advanced bandwidth management tools to optimise performance over any network. A built-in Web server provides password protected access to video and network set-up. Set-up is quick and easy and can be customised through a Web client or from an NVR multi-zone motion detection to trigger motion-based video streaming and privacy zones for blocking portions of the scene that are not to be recorded. An analogue output facilitates set-up of zoom and focus of the lens using spot monitors and allows easy integration with public view monitors. Choose between 12 VDC/24 VAC power input or PoE 802.3 af for additional installation flexibility.



The HCX3 provides optimum performance for both indoor and outdoor applications requiring higher resolution over a larger field of view than is available from a high resolution analogue camera. Retail and banking industries greatly benefit from using megapixel cameras. When fraud is suspected or transactions are being audited, the operator can position the camera to view the complete till transaction process and zoom in to capture the 'customer's' identifying features. Other applications include multi-lane driveways, wide lobbies, gated entrances and loading bays.

Features

- 1/2" progressive scan imager
- Up to 2048 X 1536 pixel (3.1 megapixel) resolution
- Excellent low light performance down to 0.3 lux
- Up to 30 fps @ 1.3 MP1

20 fps @ 2.0 MP

12 fps @ 3.1 MP

- Includes 4.0 mm to 10 mm VFMI F1.8 lens
- Full time analogue video output
- MJPEG compression
- Alarm I/O

- Multi-zone motion detection
- E-mail notification of alarms or motion
- Digital image cropping
- User selectable exposure window
- Password protection prevents unauthorised users from altering system settings
- Web server for remote set-up of camera video and network parameters
- 12 VDC/24 VAC or PoE 802.3 af choice of power inputs



¹ with image cropping

HCX3 Camera

SPECIFICATIONS

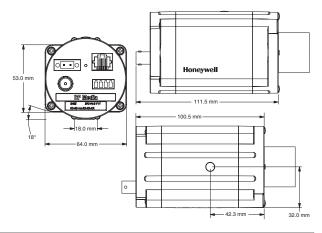
Image Sensor Minimum Illumination S/N Ratio Auto Gain Control Auto Gain Control Automatic Electronic Shutter Gamma 0.45 White Balance Digital Slow Shutter Analogue Video Output 1.0 Vp-p @ 75 Ohms Multiple exclude zones Electrical Input Voltage Input Voltage Input Range Input Range Input Range Dimensions See Diagram Weight Construction Connector Environmental Temperature Indua Voltage Input Range Coperating: 0°C to 40°C Storage: -20°C to 60°C Regulatory Emissions FCC, CE (EN55024) Safety Indua Mated detect, clip average, average All Analogue (AGC off) Automatic All Analogue (AGC off) Automatic Algorithms Automatic All Analogue Automatic A	Operational	
Minimum Illumination	-	. (21, 21, 12, 1
S/N Ratio 50 dB or more (AGC off) Auto Gain Control Peak detect, dark detect, clip average, average Automatic Electronic Shutter 1/5–1/10,000 sec Gamma 0.45 White Balance Automatic Digital Slow Shutter 1X – 4X Analogue Video Output 1.0 Vp-p @ 75 Ohms Motion Detection Multi-zone Include/Exclude Exposure Window Include, variable size Privacy Zones Multiple exclude zones Electrical Input Voltage 12 VDC/24 VAC, PoE 802.3 af Input Range 12-24 VDC, 22-26 VAC Surge Suppression 1.5 kW transient Power Consumption 2.5 W (max) Mechanical Dimensions See Diagram Weight 0.36 kg camera only Construction Housing: Aluminium Finish: Grey Painted Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity 0% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)		<u> </u>
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Exposure Window Include, variable size Privacy Zones Multiple exclude zones Electrical Input Voltage 12 VDC/24 VAC, PoE 802.3 af Input Range 12-24 VDC, 22-26 VAC Surge Suppression 1.5 kW transient Power Consumption 2.5 W (max) Mechanical Dimensions See Diagram Weight 0.36 kg camera only Construction Housing: Aluminium Finish: Grey Painted Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity 0% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)		, ,
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Input Voltage 12 VDC/24 VAC, PoE 802.3 af Input Range 12-24 VDC, 22-26 VAC Surge Suppression 1.5 kW transient Power Consumption 2.5 W (max) Mechanical Dimensions See Diagram Weight 0.36 kg camera only Construction Housing: Aluminium Finish: Grey Painted Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity 0% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Privacy Zones	Multiple exclude zones
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Power Consumption 2.5 W (max) Mechanical Dimensions See Diagram Weight 0.36 kg camera only Construction Housing: Aluminium Finish: Grey Painted Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity 0% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Input Range	12-24 VDC, 22-26 VAC
Mechanical Dimensions See Diagram Weight 0.36 kg camera only Construction Housing: Aluminium Finish: Grey Painted Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity 0% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Surge Suppression	1.5 kW transient
Dimensions See Diagram Weight O.36 kg camera only Housing: Aluminium Finish: Grey Painted Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity Ow to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Power Consumption	2.5 W (max)
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Construction Finish: Grey Painted Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity O% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Weight	0.36 kg camera only
Connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector Environmental Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity O% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Construction	<u> </u>
Temperature Operating: 0°C to 40°C Storage: -20°C to 60°C Relative Humidity 0% to 85%, non-condensing Regulatory Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Connector	Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block
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Emissions FCC, CE (EN55022) Immunity CE (EN55024)	Relative Humidity	0% to 85%, non-condensing
Immunity CE (EN55024)	Regulatory	
, ,	Emissions	FCC, CE (EN55022)
Safety LVD 2006/95/EC	Immunity	CE (EN55024)
	Safety	LVD 2006/95/EC

IP Specifications	
Resolutions	2048 x 1536, 1600 x 1200, 1280 x 1024, 1280 x 720, 1024 x 768, 4CIF
Frame Rate ¹	Up to 12 fps @ 3.1 MP 20 fps @ 2.0 MP 30 fps @ 1.3 MP
Video Streaming	MJPEG controllable frame rate and bandwidth. Constant and variable bit rate
Security	Multiple user access levels with password protection
Users	3 simultaneous unicast
Video Access From Web Browser	Camera live view for up to 3 clients. Full control of all camera settings available to administrator.
Minimum Web Browsing Requirements	Pentium IV CPU 3.0 GHz or equivalent AMD, 512 MB RAM, AGP graphics card (32 MB RAM) Windows XP, 2000, Internet Explorer 6.x or later
Supported Protocols	IPv4, HTTP, TCP UDP, FTP, SMTP, ICMP DHCP, ARP, DNS
Environmental	
Mounts	
HBC5WT	Wall/ceiling mount bracket
System Compatibility	

System Compatibility

The Megapixel range is supported by a comprehensive line of video management systems and accessories. Visit the Megapixel product pages on www.honeywell.com/security/uk for up-to-date information on system compatibility.

¹ with image cropping



Ordering	
HCX3W	1/2" CMOS 3.1 Megapixel Colour Network Camera, 12 VDC/24 VAC or PoE 802.3 af, 4.0 mm to 10 mm VFMI F1.8 lens included

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Honeywell Security & Data Collection

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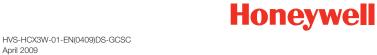
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HCX5D Camera

5 MEGAPIXEL TRUE DAY/NIGHT NETWORK CAMERA

Honeywell's HCX series of megapixel cameras offers world-class video and leading-edge IP networking technologies. When object recognition is needed over a vast field of view, one megapixel camera can often do the same job as several standard analogue cameras. Megapixel technology increases the effectiveness of your security system by providing greater detailed images while saving on installation and equipment costs.

The HCX5D is a megapixel true day/night network camera with a movable IR cut filter that offers up to 5 MP (2560 X 1920) with frame rates up to 30 frames per second. It adapts to varying lighting conditions to ensure the highest picture quality even in low-light conditions down to 0.05 lux. User selectable exposure windows optimise video performance in the areas of interest. More detailed viewing can be performed using the digital PTZ control.

The HCX5D network camera includes advanced bandwidth management tools to optimise performance over any network. A built-in Web server provides password protected access to video and network set-up. Set-up is quick and easy and can be customised through a Web client or from an NVR multi-zone motion detection to trigger motion-based video streaming and privacy zones for blocking portions of the scene that are not to be recorded. An analogue output facilitates set-up of zoom and focus of the lens using spot monitors and allows easy integration with public view monitors. Choose between 12 VDC/24 VAC power input or PoE 802.3 af for additional installation flexibility.



The HCX5D provides optimum performance for both indoor and outdoor applications requiring higher resolution over a larger field of view than is available from a high resolution analogue camera. Retail and banking industries greatly benefit from using megapixel cameras. When fraud is suspected or transactions are being audited, the operator can position the camera to view the complete till transaction process and zoom in to capture the 'customer's' identifying features. Other applications include multi-lane carriageways, wide lobbies, gated entrances and loading bays.

Features

- 1/2" progressive scan imager
- Up to 2560 X 1920 pixel resolution
- Excellent true day night low light performance, down to 0.3 lux colour/0.05 lux BW.
- Up to 30 fps at 1.3 MP1

20 fps at 2.0 MP

12 fps at 3.1 MP

8 fps at 5.0 MP

- Includes 4.5 mm to 13 mm F1.8, IR corrected VFMI lens
- Full time analogue video output
- MJPEG compression

- Alarm I/O
- Multi-zone motion detection
- E-mail notification of alarms or motion events
- Digital image cropping
- User selectable exposure window
- Password protection prevents unauthorised users from altering system settings
- Web server for remote set-up of camera video and network parameters
- 12 VDC/24 VAC or PoE 802.3 af choice of power inputs



with image cropping

HCX5D Camera

SPECIFICATIONS

Operational	
Image Sensor	1/2" CMOS imager, progressive scan
Minimum Illumination	0.3 lux colour/0.05 lux BW
S/N Ratio	50 dB or more (AGC off)
Auto Gain Control	Peak detect, dark detect, clip average, average
Automatic Electronic Shutter	1/5-1/10,000 sec
Gamma	0.45
White Balance	Automatic
Digital Slow Shutter	1X – 4X
Analogue Video Output	NTSC/PAL (full time analogue output) 1.0 Vp-p @ 75 Ohms
Motion Detection	Multi-zone Include/Exclude
Exposure Window	Include, variable size
Privacy Zones	Multiple exclude zones
Electrical	
Input Voltage	12 VDC/24 VAC, PoE 802.3 af
Input Range	12-24 VDC, 22-26 VAC
Surge Suppression	1.5 kW transient
Power Consumption	2.5 W (max)
Mechanical	
Dimensions	See Diagram
Weight	0.36 kg camera only
Construction	Housing: Aluminium Finish: Grey Painted
Connector	Video Output: BNC connector Power Input: Removable screw terminal block Alarm I/O: Removable screw terminal block Network: RJ45 connector
Environmental	
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C
Relative Humidity	0% to 85%, non-condensing
Regulatory	
Emissions	FCC, CE (EN55022)
Immunity	CE (EN55024)
Safety	LVD 2006/95/EC

ID Consideration	ID Considerations	
iP Specification	Specifications	
Resolutions	2560 x 1920, 2048 x 1536, 1600 x 1200,	
1100010110110	1280 x 1024, 1280 x 720, 1024 x 768, 4CIF	
	Up to 8 fps @ 5.0 MP	
Frame Rate ¹	12 fps @ 3.1 MP	
Traine riale	20 fps @ 2.0 MP	
	30 fps @ 1.3 MP	
Video Streeming	MJPEG controllable frame rate and bandwidth.	
Video Streaming	Constant and variable bit rate	
Security	Multiple user access levels with password protection	
Users	3 simultaneous unicast	
Video Access	Camera live view for up to 3 clients. Full control	
From Web Browser	of all camera settings available to administrator.	
Minimum	Pentium IV CPU 3.0 GHz or equivalent AMD,	
Web Browsing	512 MB RAM, AGP graphics card (32 MB RAM)	
Requirements	Windows XP, 2000, Internet Explorer 6.x or later	
Supported	IPv4, HTTP, TCP UDP, FTP, SMTP,ICMP DHCP,	
Protocols	ARP, DNS	
Environmental		

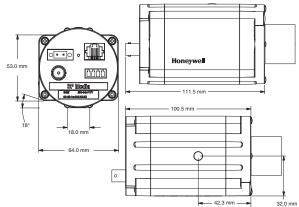
Mounts

HBC5WT Wall/ceiling mount bracket

System Compatibility

The Megapixel range is supported by a comprehensive line of video management systems and accessories. Visit the Megapixel product pages on www.honeywell.com/security/uk for up-to-date information on system compatibility.

with image cropping



Ordering	
HCX5DW	1/2" CMOS 5 Megapixel Colour Network Camera, 12 VDC/24 VAC or PoE 802.3 af, 4.5 mm to 13 mm VFMI F1.8, IR corrected lens included

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

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