

HICC-100P

www.asia.security.honeywell.com

NETWORK CAMERA

The Honeywell HICC-100P high resolution network camera offers the latest in digital video surveillance. The 1/3" CCD network camera combines world-class imaging and camera technology with the IP networking technology, providing streaming H.264 images in D1, Half D1, VGA, QVGA, CIF, or QCIF resolutions with rates up to 25 frames per second for PAL systems.

The HICC-100P camera adapts to varying lighting conditions to ensure get the highest picture quality even in low light conditions. When the light level drops too low for accurate video identification in color, the camera can switched to black and white video by software, then it can enhance the visibility of video image.

The HICC-100P has built-in Power over Ethernet (IEEE 802.3af), which allows power to be supplied to the camera using the network, eliminating the need for a separate power supply and reducing the cost of installation. For additional installation flexibility the unit can also be powered with 12 VDC or 24 VAC.

Market Opportunities

The HICC-100P is a network surveillance solution designed for object recognition that is required in locations where variable light conditions exist. Setup is quick and easy and can be customized through a Web client. This provides optimum performance for both indoor and outdoor applications.

Features

- D1, HD1, VGA, QVGA, CIF, QCIF resolutions
- 1/3" color CCD, 540 TVL
- Good low light performance, down to 0.5 lux
- Video Motion Detection
- H.264 compression
- Remote firmware updates
- Supports both Dynamic and Static IP addresses
- Variable day/night threshold setting to accommodate switching to black and white images in low light
- Multiple levels of password protected remote access prevents unauthorized users from altering system settings
- Includes advanced IP locator software to make system setup easy
- Web server for remote setup of camera video and network parameters
- 12 VDC/24 VAC or PoE IEEE 802.3af choice of power inputs
- Supports CS mount lenses
- Supports two-way audio



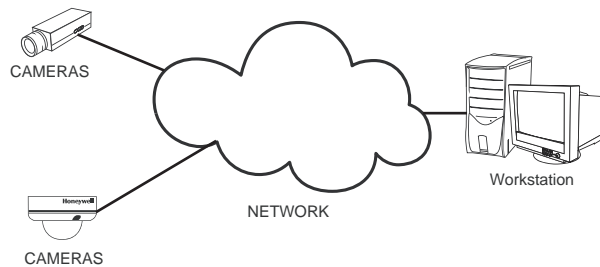
HICC-100P

SPECIFICATIONS

The HICC-100P network camera uses Honeywell technology for camera motion detection, remote firmware updating and for secure storage of all camera settings. Honeywell's technology also allows users to remotely upload firmware to the camera. Set-up is quick and easy and can be customized through a Web client. The built-in Web server provides password protected access to the cameras video and network setup.

System Diagram

Internet Explorer or Honeywell IT Utility



Hybrid System Diagram



HICC-100P

SPECIFICATIONS

Operational	
Video Standard	PAL
Scanning System	625/50 lines (PAL)
Image Sensor	1/3" CCD
Number of Pixels (H x V)	752 x 582 (PAL)
Minimum Illumination	0.7 lux color/0.5 lux BW @ 50 IRE, F1.3
Horizontal Resolution	Greater than 540 TVL
Automatic Lens Control	DC Iris Level 1-25
Video Output	1.0 Vp-p @ 75 Ohms
S/N Ratio	50 dB or more (AGC off)
Auto Gain Control	Off/On, selectable (10-30 dB)
Automatic Electronic Shutter	1/50-1/100,000 sec
White Balance	ATW, User Fixed, AWC (Auto or Manual), Fluorescent, MWB (Manual Mode), Indoor, Outdoor
Back Light Compensation	Off/On, selectable
Gamma	0.45
Audio/Two-Way	Line in/out
Electrical	
Input Voltage	12 VDC/24 VAC, PoE IEEE 802.3af
Input Range	11~16 VDC, 17~28 VAC
Surge Suppression	1.5 kW transient
Power Consumption	8 W (max)
Mechanical	
Dimensions (W x H x D)	See Diagram
Weight	1.1 lb (.5 kg) camera only
Construction	Housing: Aluminum Finish: Cool Gray Powder Coat
Camera Mount	1/4-20 UNC mounting ring
Lens Mount	CS Lens Mount
Connector	Video Output: BNC connector Lens: 4 Pin Connector Power Input: Removable screw block Network: RJ45 connector Alarm I/O: Removable screw block Audio In: 3.5 mm mono phone jack Audio Out: 3.5 mm mono phone jack

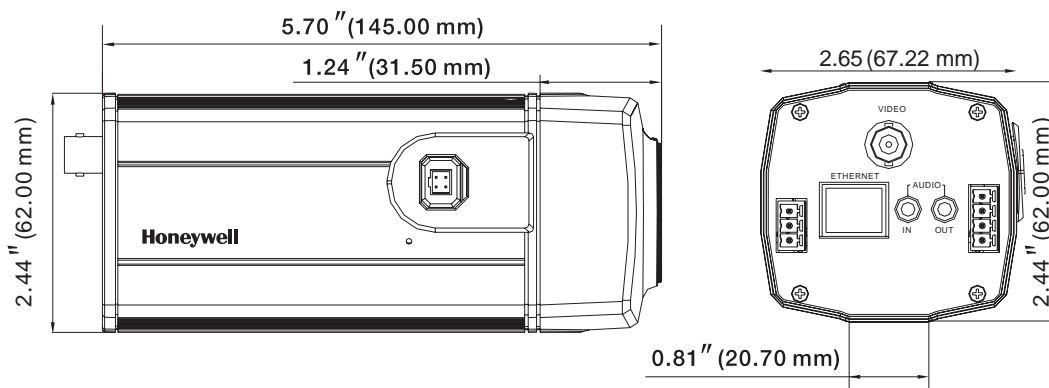
Environmental	
Temperature	Operating: 14°F to 122°F (-10°C to 50°C) Storage: -4°F to 14°F (-20°C to 60°C)
Relative Humidity	0% to 85%, non-condensing
IP Specifications	
Video Compression	H.264
Resolutions	D1 720 x 576 H D 1 720 x 288 VGA 640 x 480 QVGA 320 x 240 CIF 352 x 288 QCIF 176 x 144
Frame Rate PAL	Up to 25 fps video in all resolutions
Video Streaming	Controllable frame rate and bandwidth. Constant or variable bit rate (H.264)
Security	Multiple user access levels with password protection
Users	1 Administrator, 4 Guests
Video Access from Web Browser	Camera live view for up to 5 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 6.0 or later
Supported Protocols	HTTP, RTSP, RTP, SSL/TLS, PPPoE, UDP, TCP, IP, Telnet, ICMP, ARP, NTP, IGMP

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SPECIFICATIONS

Accessories	
Recommended Auto-Iris Lens Options	
GL-A80CS	8 mm fixed Lens
GL-D28V100CS	2.8-10 mm vari-focal Lens
HLD25V6F12L	2.8-6 mm vari-focal Lens
HLD28V8F95L	2.8-8 mm vari-focal Lens
HLD5V50F13L	5-50 mm vari-focal Lens
GL-D35V80CS	3.5-8 mm vari-focal Lens
GL-D40V160CS	4-16 mm vari-focal Lens

Accessories	
Recommended Housing	
GHG-070	Indoor/Outdoor Housing, L=245mm, 1.0 kg
GHG-120	Indoor/Outdoor Housing, L=373mm, 1.3 kg
GHG-140	Indoor/Outdoor Housing, L=428mm, 1.5 kg
GHG-320A	Indoor Housing, 98X82X322mm
GHG-340A	Indoor Housing, 141X101X400mm
GHG-210S	Indoor/Outdoor Housing, Sunshield
GHG-210SHB-220	Indoor/Outdoor, Sunshield, Heater&Blower, AC220
GHG-140S	Indoor/Outdoor Housing, Sunshield, L=465mm, 2.0 kg



Ordering	
HICC-100P	1/3" CCD High Resolution Network Camera with DSP, 540 TVL, 12 VDC/24 VAC or PoE IEEE 802.3af, PAL

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

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