HICC-1600T

720P High Definition H.264 IP Box Camera

Honeywell HICC-1600T combines world-class imaging and the latest IP camera technology with IP networking innovation, providing streaming images at full frame rate at 720P resolution. With advanced resolution projection, the HICC-1600T delivers high quality images, making it an ideal solution for high-end surveillance applications.

The HICC-1600T is equipped with 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 HICC-1600T can also be powered with DC 12V and AC 24V.

Market Opportunities

Featuring 720P high resolution, H.264 compression format, PoE and ONVIF interface, the HICC-1600T optimizes surveillance performance for applications that require excellent image clarity and high-definition imaging at minimal bandwidth. The camera is most suitable for advanced applications such as metro, banks, railways, financial institutes, government buildings, airports etc.

FEATURES

- 720P high resolution
- H.264, and MJPEG simultaneously (Dual-encoders)
- True Day/Night (with IR-cut filter)
- WDR, 3DNR, DC IRIS, and Anti-flicker
- Comprehensive I/O ports: audio in, audio out, video out, Alarm In, Alarm Out, RJ45, SD card, RS485 and USB
- Built in Power over Ethernet (PoE); 100Base-T Ethernet
- Event triggering – camera tampering, Motion detection, Network loss, Alarm Input, Video loss
- Event trigger action – SNAP, Record video in SD card, send to FTP, send to Email, External output activation, voice alert, notify to CMS
- Edge storage – up to 32G
- Compatible with Honeywell Universal Surveillance (HUS) Platform and NVRs
- ONVIF Profile S compliant

ONVIF
Driving IP-based physical security through global standardization

High Resolution **720P** | **TDN** | Wide Dynamic Range **WDR** | **32G MEMORY CARD**

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SPECIFICATIONS

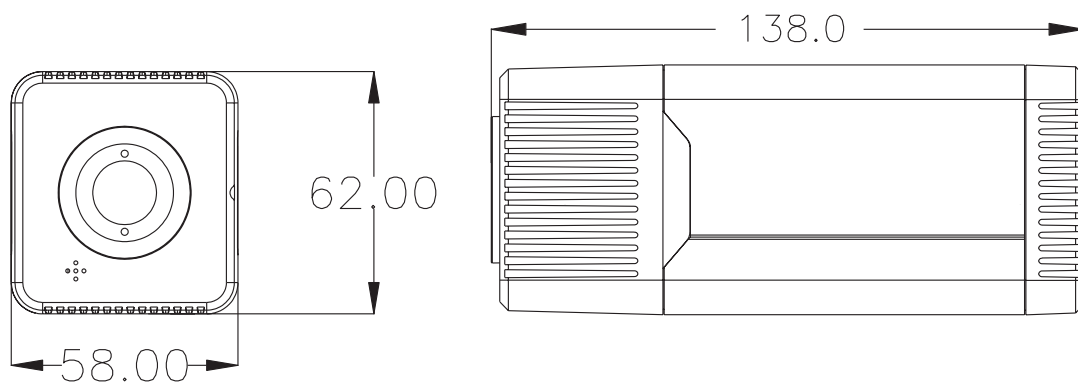| Camera	HICC-1600T
Image Device	Sony 1/3" Exmor™ image sensor
Effective Pixels	1280 x 720 pixels
Lens Interface	CS/C
Iris	DC Iris
ICR	Mechanical, TDN
Min. Illumination	Color: 0.01 lux @ F1.4 (AGC ON) B/W: 0.001lux @ F1.4 (AGC ON)
IP Video	
Video Compression	H.264, and MJPEG simultaneously (Dual-encoders)
Video Profile	H.264 baseline, main
Profile Setting	Every video profile has Independent CBR/ VBR/ GOP/ Frame rate setting
Main Stream Resolution	720P (1280 x 720), Q1080P (960 x 544)
Second Stream Resolution	D1 (720 x 576), VGA (640 x 480), Q720P (640 x 360), CIF (352 x 288), QVGA (320 x 240), QCIF (176 x 144)
Frame Rate	1fps - 25/30fps
Bit Rate	16 - 8000kbps
Electronic Shutter	Auto mode: 1/25 - 1/30000 sec Manual mode: 1/25 - 1/10000 sec
Iris Exposure Control	Auto mode / Manual mode
AGC	LOW/MID-LOW/MID/MID-HIGH/HIGH
WDR	OFF/LOW/MID/HIGH
3-DNR	OFF/LOW/MID/HIGH
Color Mode	Normal/Natural/Bright
Image Setting	AE, AWB; 3D Noise reduction; WDR; Color, brightness, sharpness, contrast, Hue; Mirror/Flip; Privacy Masks; Text, time and date overlay
Streaming	Simultaneously multi-profile streaming; Streaming over UDP, TCP, HTTP, or HTTPS; M-JPEG streaming over HTTP (server push); Controllable frame rate and bandwidth; Constant and variable bit rate (MPEG4 / H.264)
On Screen Display	Text, time and date overlay
Audio	
Audio Encoder	RTSP: G.711 64kbps
Audio Streaming	One-way or two-way
Audio Input	External audio in
Audio Output	Speaker Out
Network	
Supported Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, ICMP, SNMP
Security	Password protection, HTTPS encrypted data transmission, user access log
Users	4 simultaneous unicast users
Ethernet	10/100M auto negotiation
System Integration	
Supported Interface	ONVIF Profile S
Event Detection	Alarm in, motion detection, Network loss detection, camera tampering, Video loss
Motion Detection	1-zone video motion detection with Sensitivity options

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Camera	HICC-1600T
Privacy Mask	4-Zone
Camera Tampering	Camera Cover or Mask
Events Action	SNAP, Record video in SD card, send to FTP, send to Email, External output activation, voice alert, notify to CMS
General	
OS	Windows XP or later
Browser	IE 8.0 or later
Supported Platform	Honeywell Universal Surveillance (HUS) and NVRs
Power Supply	12V DC or 24V AC ±10% external power adapter
PoE	IEEE 802.3af
Power consumption	Max 4W
Connectors	RJ-45 10Base-T/100Base-TX; 1 power jack; 1 alarm input and 1 output; Audio out; Audio input; Video out; Factory default reset; SD card, USB and RS485
Edge Storage	32G
Operating Temperature	-20°C to 55°C
Operating Humidity	0% - 90% (non-condensing)
Dimensions	138 (L) x 58 (W) x 62 (H) mm
Weight	376g
Certificate	CE, FCC, UL

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

DIMENSIONS

Unit: mm

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ORDERING

HICC-1600T	720P IP Box Camera, H.264, TDN, WDR, ONVIF Profile S, Edge storage 32G, Tampering Detection, PoE, 24VAC/12VDC

For more information:

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