

HTC30 Series

DAY/NIGHT IR ILLUMINATED MOBILE ANGLE DOME CAMERA

The mobile environment demands the ability to identify individuals, actions or behaviors regardless of the circumstance, time of day, or event. It is critical that images are captured with clarity to enable the identification of the person and/or the event. Honeywell's HTC30 Series mobile camera with built-in IR illumination provides precise, high resolution images during the brightest day and the darkest night.

The HTC30 Series captures perfectly exposed pictures, no matter what the light conditions. As the ambient light drops below a certain point, day/night technology automatically switches the camera from color to black and white. The IR illumination improves image capture in low light—even in complete darkness—to make sure no detail is lost. And with an optimized audio bandwidth integrated microphone, very few sounds avoid capture.

The HTC30 Series offers a high impact dome and housing to reduce the risk of tampering. The HTC30 Series mobile camera is compact in design, which allows for easy mobility/placement in and around the vehicle. With a low profile that reduces vibration, the camera provides crisp, stable images.

Market Opportunities

With the video industry transitioning from analog to digital, the HTC30 Series mobile camera is capable of providing the necessary images for both analog and digital systems. For users seeking to explore the new digital video environment or those migrating from analog to digital, the HTC30 Series provides a flexible option when using either VCR technology or digital recorders such as the HTR4 Series. The HTC30 is used for a wide variety of passenger transportation and other types of vehicles.

Features

- Day/Night camera captures images in all lighting conditions (even complete darkness)
- Eight built-in infrared illuminators
- Lightweight, compact design
- Easy to install (pre-wired and pre-focused)
- Angle dome design
- 3-D gimbal for maximum lens rotation
- Compact design mounts on any flat surface, including a ceiling or bulkhead
- High impact, tamper resistant dome and housing
- Integrated microphone with optimized audio bandwidth
- Compatible with:
 - HTR4 Mobile Digital Video Recorder Series
 - HTR1 Mobile VCR
 - HTRD100 Mobile Digital Video Recorder Series



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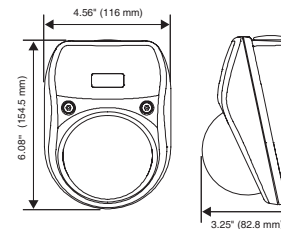
www.honeywellvideo.com

SPECIFICATIONS

Operational	
Video Standard	NTSC, PAL
Scanning System	525/60 lines (NTSC) 625/50 lines (PAL)
Image Sensor	1/3" Sony CCD color image sensor
Number of Pixels (H x V)	768 x 494 (NTSC) 752 x 582 (PAL)
Minimum Illumination	0 lux (IR assisted) Automatically switches from Color to B/W @ 4.0 lux
IR LEDs	8 LEDs
IR Sensitivity	850 nm
Horizontal Resolution	540 TVL
Video Output	1 Vp-p @ 75 Ohms
Sync System	Internal
S/N Ratio	50 dB (AGC Off)
Auto Gain Control	Auto
Automatic Electronic Iris	1/60 to 1/100,000 seconds (NTSC) 1/50 to 1/100,000 seconds (PAL)
White Balance	ATW
BLC	Auto (central window)
Lens Type	Fixed lens
Audio Output	600 Ohm impedance
Audio Frequency Response	500 Hz to 5 kHz @ -3 dB. Bandwidth optimized to eliminate unwanted noise interference.
Audio Sensitivity	1 Vp-p: 55 dB SPL @ 10 ft. (3.05m) speech level audio.
Electrical	
Input Voltage	12 VDC
Input Range	11 – 15 VDC, regulated source
Surge Suppression	1.5 kW transient
Power Consumption	2.4 W w/IR Illuminators

Mechanical			
Dimensions (W x H x D)	4.56" x 3.25" x 6.08" (116.0 mm x 82.8 mm x 154.5 mm)		
Weight	1.1 lbs (0.5 kg)		
Construction	Housing: Polycarbonate Dome: Hard coated polycarbonate Finish: Matte		
Connectors	Video Output: RCA Audio Output: RCA Power Input: Female Barrel 2.1 mm		
Environmental			
Temperature	Operating: -13°F to +122°F (-25°C to +50°C) Storage: -31°F to +140°F (-35°C to +60°C)		
Relative Humidity	0% to 95%, non-condensing		
Regulatory			
Emissions	FCC, CE (EN55013)		
Immunity	CE (EN50130-4)		
Safety	EU: 73/23/EEC LVD		
Camera Cables*			
HTC30CBL20	Camera Cable 20 feet (6.1m)		
HTC30CBL60	Camera Cable 60 feet (18.3m)		
HTC30CBLRFK	HTC30 to C20 Cable Adapter: Convert existing C20 camera wiring to HTC30 Camera		
Compatible Recorders			
HTR4	Four Channel Mobile Digital Recorder		
HTRD100	Single Channel Mobile Digital Recorder		
HTR1	Mobile VCR		
Field Of View	3.6 mm	6.0 mm	8.0 mm
Horizontal	74°	42°	32°
Vertical	55°	32°	24°

* Cables are ordered separately.



Ordering	
HTC30M1036	Mobile Angle Dome Camera: High Resolution Day/Night, IR, Audio, 3.6 mm, NTSC
HTC30M1060	Mobile Angle Dome Camera: High Resolution Day/Night, IR, Audio, 6 mm, NTSC
HTC30M1080	Mobile Angle Dome Camera: High Resolution Day/Night, IR, Audio, 8 mm, NTSC
HTC30M1036X	Mobile Angle Dome Camera: High Resolution Day/Night, IR, Audio, 3.6 mm, PAL
HTC30M1060X	Mobile Angle Dome Camera: High Resolution Day/Night, IR, Audio, 6 mm, PAL
HTC30M1080X	Mobile Angle Dome Camera: High Resolution Day/Night, IR, Audio, 8 mm, PAL

Honeywell Security

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