

ACD-1500-HT35 Pan/Tilt/Zoom

35X OPTICAL ZOOM, 540 LINE HIGH RESOLUTION, LOW LIGHT, WDR, DSS

Product Features

- Hitachi Zoom Module
- 1/4-Inch Format CCD Sensor
- Industry 1st 35X Optical Zoom
- 540 Max TV Lines Resolution
- High Speed Digital Signal Processing
- Progressive Scan
- DSS (Digital Slow Shutter)
- Wide Dynamic Range
- Electronic Image Stabilizer
- Low 0.01 Lux Rating
- IR Cut Filter
- 64 User-Defined Presets
- 1 Auto Cruise Modes
- IP66 Weatherproof Rating
- Corrosion-Free Housing
- 8" Compact Size
- Back Light Compensation (BLC)
- Digital Zoom

The **ACD-1500-HT35** is a high resolution digital color pan, tilt, zoom camera with the very latest technology from Hitachi, introducing an industry 1st 35X optical zoom.

The **ACD-1500-HT35's** Hitachi zoom module provides 35X optical zoom offering facial recognition at distances up to 475 feet. With progressive scanning, capturing stills during camera movement will not degrade the image, providing high detail, still captures on DVRs and other recording devices. The Hitachi zoom module also provides WDR for auto compensation during varying lighting scenes and is the best quality zoom camera on the market today.

The aluminum cast structure, IP 66 weatherproof rated housing includes a built-in heater/blower assembly facilitating harsh winter environments. The **ACD-1500-HT35's** modular design guarantees efficient installation and service.



Automatic night operation allows the camera to display color by day and black/white at night for excellent low light performance. Digital Slow Shutter (DSS) is also employed during low light providing very good night performance. Ordinary color cameras feature a fixed IR cut filter for clear color images in daylight conditions. The **ACD-1500-HT35**, however, is equipped with a removable IR cut filter. Under very low light conditions, the IR cut filter is automatically turned off to deliver brighter images than other color video cameras do. Infrared illuminators can also be used for zero lux applications as the Hitachi module is IR sensitive. The camera also features programmable white balance, backlight compensation, tour mode, multi-protocol support and much more.

Hitachi's EIS (Electronic Image Stabilizer) function automatically eliminates blurry, jumpy images providing very crisp, easy-to-view images.

All cameras include a pendant mount, wall mount, and power supply reducing installation cost.

TECHNICAL SPECIFICATIONS

MODELS

ACD-1500-HT35 Hitachi high resolution digital color CCD pan/tilt/zoom camera. 540 TVL, 24VAC, NTSC

CAMERA

Sensor Type	1/4-inch Hitachi Color CCD
Total Pixels	811 (H) x 508 (V)
Scanning System	Progressive Scan
Horizontal Resolution	Max: 540 TV Line
Iris Control	Auto/Manual
Focus Control	Auto/Manual
Auto Iris	DC
Minimum Illumination	0.01 (F/1.6)
S/N Ratio	>50dB
Automatic Gain Control	Auto
Electronic Shutter Control	Auto
Backlight Compensation	Auto/Manual
White Balance	Auto
WDR	Auto
IR Cut Filter	Auto/Manual
Zoom	35X Optical / 12X Digital F = 3.4 – 119mm
Image Stabilizer	Yes
Sync Type	Internal/Line Lock

DOME

Preset	64
Auto Tour	1
Zoom-Rotation Interaction	Automatic Speed / Zoom Ratio
Auto Pan Scan	Programmable, Start, Stop, Speed
Pan Speed	0.2° - 15° /second
Pan Range	360° Continuous
Tilt Speed	0.2° - 15° /second
Tilt Range	90°
Control Protocol	RS-485 Pelco-D, Pelco-P, A01, B01, Santachi, Longomity, Hunda600
Baud Rate	2400/4800/9600/19200 bps
Fan & Heater	Auto

ELECTRICAL

Power Requirements	24V AC 50/60Hz
Power Consumption	Indoor: 15W Outdoor: 35W

ENVIRONMENTAL

Outdoor Temperature	-31° to 131°F (-35° to 55°C)
Indoor Temperature	32° to 104°F (0° to 40°C)

PHYSICAL

Dimensions	262(H) x 219(D)mm
Weight	8.6 lb (3.9 kg) approx.
Shipping Weight	17 lbs (7.7 kg) approx.

RECOMMENDED POWER SUPPLIES

24VAC	Included
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OPTIONAL ACCESSORIES

ACD-PTZ-PM	Pole Mount
ACD-PTZ-ICM	Inside Corner Mount
ACD-PTZ-OCM	Outside Corner Mount
KCT-100	Compact Keyboard / Joystick Controller
KCT-2500	Tri-Axis Keyboard / Joystick Controller
BB01S	Bluenet™ Remote Access Video Server

