

ACD-2500S-HT35 High Speed 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 Pan/Tilt Operation
- 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
- 128 User-Defined Presets
- 6 Auto Cruise Modes
- Advanced On-Screen Display
- IP66 Weatherproof Rating
- Corrosion-Free Housing
- 8" Compact Size

The **ACD-2500S-HT35** is a high speed, high resolution digital color pan, tilt, zoom camera with the very latest technology from Hitachi, introducing an industry 1st 35X optical zoom.

The **ACD-2500S-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. Pan speeds operating as fast as 300°/second, tilt 120°/second ensure effective coverage using the camera's 6 customizable tour modes.

The aluminum cast structure, IP 66 weatherproof rated housing includes a built-in heater/blower assembly facilitating harsh winter environments. The **ACD-2500S-HT35**'s modular design guarantees efficient installation and service.



The on-screen programming of the **ACD-2500S-HT35** is very intuitive, allowing easy camera configuration and preset designation. Night operation can be configured allowing 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-2500S-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, auto-home feature, auto-flip, 4 alarm inputs, 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-2500S-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/Manual
Electronic Shutter Control Auto/Manual
Backlight Compensation Auto/Manual
White Balance Auto/Manual
WDR Auto/Manual
Zoom 35X Optical / 12X Digital F = 3.4 – 119mm
Image Stabilizer Yes
Sync Type Internal/Line Lock
Signal Processing Digital Signal Processing (DSP)
Video Output 1.0Vp-p(Sync, Negative), 75 ohms

SPEED DOME

Preset 128
Auto Tour 6
Pattern 40 second recordable pattern
Alarm 4 Input / 1Output
Zoom-Rotation Automatic Speed / Zoom Ratio
Interaction
Auto Flip 180° rotation on vertical position
Auto Pan Scan 360° programmable
Pan Speed 0.2° - 300° /second
Pan Range 360° Continuous
Tilt Speed 0.2° - 120° /second
Tilt Range 90°
Control RS-485
Protocol Pelco-D, Pelco-P, Samsung, B01, Neon, Santachi, Panasonic, Longcomity, Hunda600, Lilin, Vicon, Molynx, Kalatel, VCL, Alec, Ultrak
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

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