WACD-2500S-HT23 High Speed Pan/Tilt/Zoom

23X OPTICAL ZOOM, HIGH RESOLUTION, ADVANCED OSD

Product Features

- Hitachi Zoom Module

- 1/4-Inch Format CCD Sensor

- 23X Optical Zoom, 10X Digital

- High Speed Pan/Tilt Operation

- High Speed Digital Signal Processing

- SMEAR Effect Suppression

- 480 Max TV Lines Resolution

- Low 0.01 Lux Rating

- 128 User-Defined Presets

- 6 Auto Cruise Modes

- Advanced On-Screen Display

- IP66 Weatherproof Rating

- Corrosion-Free Housing

- 8″ Compact Size

The **WACD-2500S-HT23** is a high speed, high resolution digital color pan, tilt, zoom camera with a high quality Hitachi 480 line CCD camera.

The **WACD-2500S-HT23′s** Hitachi zoom module provides 23X optical zoom offering facial recognition at distances up to 330 feet. Pan speeds operating as fast as 300º/second, tilt 120º/second ensure effective coverage using the camera′s 6 customizable tour modes.

The on-screen programming of the **WACD-2500S-HT23** 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. The camera also features programmable white balance, backlight compensation, auto-home feature, auto-flip, 4 alarm inputs, multi-protocol support and much more.

The aluminum cast structure, IP 66 weatherproof rated housing includes a built-in heater/blower assembly facilitating harsh winter environments. The **WACD-2500S-HT23′s** modular design guarantees efficient installation and service.

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

View and control this camera from any Internet capable PC with the optional Bluenet™ video server (sold separately).

TECHNICAL SPECIFICATIONS

MODELS

WACD-2500S-HT23 — Hitachi high resolution digital color CCD pan/tilt/zoom camera. 480 TVL, 24VAC, NTSC

CAMERA

Sensor Type	1/4-inch Hitachi Color CCD
Effective Pixels	758 (H) x 504 (V)
Scanning System	2:1 Interlace
Horizontal Resolution	More than 480 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
Zoom	23X Optical / 10X Digital F = 3.6 – 82.8mm
Angle of View	Wide: 54º / Tele: 2.5º
Sync Type	Internal/External Selectable
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
Privacy Masking	6
Zoom-Rotation Interaction	Automatic Speed / Zoom Ratio
Auto Flip	180º rotation on vertical position
Auto Pan Scan	360º programmable
Pan Speed	0.2º - 300º /second
Pan Range	360º Continuous
Tilt Speed	0.2º - 120º /second
Tilt Range	90º
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	-31º to 131ºF (-35º to 55ºC)
Indoor Temperature	32º to 104ºF (0º to 40ºC)

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

WACD-PTZ-PM	Pendant (pole) Mount Included
WACD-PTZ-WM	Wall Mount Included
WACD-PTZ-ICM	Inside Corner Mount
WACD-PTZ-OCM	Outside Corner Mount
WRCM-ACDPTZ	Mirrored Polycarbonate Dome Cover
WKCT-100	Compact Keyboard / Joystick Controller
WKCT-2500	Tri-Axis Keyboard / Joystick Controller
WBB01S	Bluenet™ Remote Access Video Server