

COR-SP490

PAN-TILT-ZOOM DOME w/ SONY SUPER HAD EXVIEW CCD

PTZ with Variable Speed , 36X Zoom

The COR-SP490 PTZ speed dome camera has all the features needed to please the most demanding clients. It delivers sharp video images thanks to a Sony™ zoom camera module. Manual manipulation is easy using most RS485 controllers (see specs. at right).



- 100° per sec.
- Fast zoom
- 64 presets
- Day/night video
- Fast auto-focus
- 480+ tv-lines
- Manual navigation recording
- 12x digital zoom
- Auto-home
- Mechanical IR cut filter
- 360° continuous pan
- 36x optical zoom

Specifications

Video Sensor: 1/4" Sony SUPER HAD EXVIEW CCD
Resolution: 480+ tv lines
Speed: 100° per second max.
Speed Control: Variable under manual control
Day/Night Operation: Color during the day, B/W at night (auto-switch)
Touring (Auto scan): 3 speed selectable, with 3D manual recording option (MNR)
Preset: 64 programmable
Smart Scan: 2 positions preset (adjustable speed)
Effective Picture Elements: 380k pixels (approx.)
Lens: 36x optical zoom, 4.1mm (wide) to 73.8mm (tele), F1.4 to F3.0
Digital Zoom: 12x (432x with optical zoom)
Viewing Angle (H): 57.8° wide end, 1.7° tele-end
Auto ICR Mode: IR Mechanical Cut-Filter Removal
Sync: Internal/External (V-lock)
Focus Control: Manual & Automatic
AES: Electronic shutter 1/1 to 1/10,000 sec., 22 steps
Electronic Slow Shutter: Yes
Pan Travel: 360° continuous
Vertical Rotation: tilt travel 0-90°, auto-flip
Alarm Function: Yes
Spot AE: Yes
Picture Freeze Function: Yes
Enhanced Spherical Privacy Zone Masking: Yes
Key Switch Connector (for external control): CN601
Protocols: (RS485) Pelco, Pelco-D, Pelco-P, Cortex, Ultrak
Minimum Illumination: 0.7 LUX
Signal-to-noise ratio: >50dB
White Balance: Auto, ATW, Indoor, Outdoor, One Touch, Manual
Gain: Auto/Manual (-3 to 28dB, 2 dB steps)
AE Control: Auto, Manual, Priority mode, Bright EV compensation, Backlight compensation, Slow AE
EV Compensation: -10.5 to +10.5 dB (1.5 dB steps)
Backlight Compensation: On/Off
Privacy Zone: On/Off masking with 24 positions
Flicker Cancel: Automatic
Focusing System: Automatic (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF
Picture Effects: E-flip, Black & White, Mirror Image
Camera Operation Switch: Zoom tele, Zoom wide
Video Out: VBS (1.0 Vp-p, neg. sync.), Y/C output
Horizontal Rotation: 360° pan travel, continuous
Vertical Rotation: 0° to 90° tilt travel, auto-flip
Pan/Tilt Accuracy: ±0.05° preset recall



A Variety of Brackets are Available
Check with your Sales Representative to
see which brackets fit your model.

E-Z Tour Programming

Scans and complex tour patterns are easy to set up thanks to a unique built-in manual navigation recording (MNR) module. When initiated, MNR records all manual movements and commands you make with a joystick or keyboard. This includes scanning a path from left to right, diagonally, reverse, and in any direction as well as zoom commands and dwell time, up to two minutes. You can then use the MNR recording as a programmed tour. And if the tour is interrupted for any reason - like a manual zoom on a special zone - an auto-homing feature returns to the touring pattern automatically with no special operator intervention. Those features, together with exceptional zoom speed and auto-focus (even under poor illumination), make this PTZ a perfect addition to any surveillance network.

Physical & Environmental Specifications

Power: 24VAC (30W nominal), adapter included
Operating Temperature: 0° to 122°F (-14° to 122°F w/heater)
Humidity: 0-85% RH (non-condensing)
Material: Aluminum & clear acrylic (dome options available)
Placement: Indoor (Outdoor model available - COR-SP490E)
Bracket: Pendant and Wall mount available

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