



# ECL-SP580E

## High Speed PTZ Dome Camera with Sony Electronics

The ECL-SP580E high speed dome camera has all the features needed to please the most demanding clients. It delivers sharp video images thanks to a Sony FCB-EX980 zoom camera module. Manual manipulation is easy using most RS485 controllers (see specs. at right).

### 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.



- ExView CCD
- 480 tv-lines
- Auto-home
- 26x optical zoom
- 400° per sec.
- Day/night video
- Manual navigation recording
- Mechanical IR cut filter
- 128 presets
- Alarm function
- Fast zoom
- Fast auto-focus
- Selectable Backlight compensation
- 12x digital zoom
- 24-position privacy zone masking

### Physical & Environmental Specifications

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

### Specifications

Video Sensor: 1/4" Sony <b>EXVIEW</b> HAD CCD
Resolution: 480 lines
Speed: 400° per second max.
Speed Control: Variable under manual control
Day/Night Operation: Color during the day, B/W at night (auto-switching)
Touring (Auto scan): 3 speed selectable, with <b>3D manual recording option</b>
Presets: 128 programmable
Smart Scan: 2 positions preset (adjustable speed)
Effective Picture Elements: 380k pixels (approx.)
Lens: 26x optical zoom, f=3.5mm (wide) to 91.0mm (tele), F1.6 to F3.8
Digital Zoom: 12x (312x with optical zoom)
Viewing Angle (H): 55° wide end, 2.3° telephoto end
Auto ICR Mode: IR Mechanical Cut-Filter Removal
Sync: Internal/External (V-lock)
AES: Electronic shutter 1/1 to 1/10,000 sec., 22 steps
Electronic Slow Shutter: Yes
Signal-to-noise ratio: >50dB
E-Flip: Yes
Alarm Function: Yes
Spot AE: Yes
Picture Freeze Function: Yes
Enhanced Spherical Privacy Zone Masking: Yes
Key Switch Connector (for external control): CN601
Protocols: High Speed Serial Interface (with TTL signal-level control), VISCA protocol, 9.6Kb/s, 19.2Kb/s, 38.4Kb/s max. 1 or 2 stop bit selectable
Minimum Illumination: 1.0 LUX (typical) F1.6, 50 IRE
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
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, Nega Art, Black & White, Mirror Image
Camera Operation Switch: Zoom tele, Zoom wide
Video Output: VBS (1.0 Vp-p, negative 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