For customers who want to monitor a large area from multiple angles and perspectives with a single camera, the SE2 PTZs from March Networks® provide uncompromising security, indoors or outdoors. The camera's integrated HDR, 30X zoom lens, P-Iris, and 2MP resolution guarantee superior image quality, regardless of lighting conditions. Choose from the flush mount indoor model, or the outdoor pendant mount equipped with 1.5-inch NPT, which is protected by a weather-proof (IP66), vandal-resistant (IK10) enclosure.

Key Benefits

▼ **30X zoom lens.** Get a wide angle view of a large area with no distortion, and zoom in on distant objects, while maintaining clarity.

▼ **Built-in auto tracking.** The camera detects motion and tracks a person or object—automatically panning, tilting and zooming—to keep the image centered and in-focus.

▼ **High Dynamic Range (HDR).** The camera blends the best parts of several separate exposures together to combine the most focused, well-lit, and colorful parts of the scene.

▼ **Image stabilization.** Reduces vibration and blurring, especially when the camera is zoomed all the way in, or is installed up high or in a windy area.

▼ **Power over Ethernet.** Combining PoE+ with AC or DC guarantees zero downtime; if power goes out, the camera switches to PoE+ with no interruption.

▼ **Save money on storage and bandwidth.** When the camera is in its home position, its low bit rate (LBR) setting reduces storage and bandwidth usage by 50% or more in most applications; streams can drop below 2Mbps at 2MP (15 fps).
SE2 Flush and Pendant PTZs 30x

**LENS**

- **Optical Zoom**: 30X
- **Lens**: 4.3 - 129 mm, FL.6, P-Iris
- **Field of View**: H = 67°(wide), 2°(tele); V = 38°(wide), 1°(tele)

**CAMERA**

- **Image Sensor**: 1/2.8" Sony CMOS
- **Effective Pixels**: 2MP; 1945 (H) x 1097 (V)
- **Signal / Noise Ratio**: >50 dB
- **Minimum Illumination**: Color: 0.02 lux @ FL.6 (50 IRE); B/W: 0.012 lux @ FL.6 (50 IRE)
- **High Dynamic Range (HDR)**: 120 dB
- **Day/Night Functionality**: True Day/Night
- **Pixel Size**: 2.5 μm
- **Shutter Speed**: 1/10000s
- **Camera Angle Adjustment**: Pan 360°, Tilt 180°, Rotation -100° to 100°
- **White Balance**: Manual/Automatic

**VIDEO**

- **Video Compression**: H.264, MJPEG
- **Resolution**: 2MP; Full HD 1080p, SXGA, 720p, XGA, SVGA, D1, VGA, CIF
- **Frame Rate (max)**: H.264: 10fps @ 30 fps + 1080p @ 30 fps, MJPEG: 1080p @ 30 fps
- **Streaming**: Up to four individually configurable streams in H.264, MJPEG. Configurable framerate, bandwidth, LBR, VBR, and CBR in H.264
- **Image Settings**: Iris control, backlight compensation, white balance, noise reduction, wide dynamic range, privacy mask, brightness, exposure, sharpness, contrast, saturation, hue, IR configuration, day/night threshold

**AUDIO**

- **Audio Streaming**: Two-way, stereo
- **Audio Compression**: G.711 PCM, G.726 ADPCM, Configurable bit rate (8-48 kHz)
- **Audio Input/Output**: Line in/line out

**OPERATIONAL**

- **Pan Manual Control Speed**: 0.1° - 90°/second
- **Tilt Manual Control Speed**: 0.1° - 55°/second
- **Pan Preset Speed**: 400°/second
- **Tilt Preset Speed**: 300°/second
- **Pan Rotation Angle**: 360° continuous rotation
- **Tilt Rotation**: -10° to 100°
- **Pan Preset Accuracy**: 0.225°
- **Tilt Preset Accuracy**: 0.225°
- **Programmable Presets**: 256
- **Programmable Patterns**: 8
- **Autopan**: 4
- **Sequence**: 8
- **Auto Home**: Yes
- **Motion Detection**: Yes (4 areas)

**NETWORK**

- **Security**: Password protection, HTTPS encryption (configuration only), IEEE 802.1X
- **Supported Protocols**: IPv4/6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, QoS, ONVIF-S
- **Interface**: RJ-45, 10/100Mbps Ethernet
- **Internet Browser**: Internet Explorer (10+)

**SYSTEM INTEGRATION**

- **Alarms**: Four alarm inputs, two relay outputs
- **Intelligent Video**: Video motion detection, privacy zones
- **Alarm Trigger**: Motion detection, external input
- **Alarm Events**: Video recording to local storage (standard SD card, 128 GB support), external output activation

**CONNECTORS**

- **Terminal Block**: Alarm in, alarm out, 12 VDC, 24 VAC, audio out, RS-485
- **RJ-45 Connector**: Ethernet
- **CVBS BNC Connector**: Analog video

**ELECTRICAL**

- **Power**: PoE (IEEE802.3at), 12 VDC (2.12 A), 24 VAC (1.06 A)
- **Power Consumption**: 25.4 Watts max

**PHYSICAL**

- **Construction**: Metal and plastic
- **Storage**: Support for standard SD card, up to 128 GB
- **Support for recording to NAS**: Support for recording to NAS
- **Dimensions (H x D)**: Flush: 10.4 x 8.4 in (26.4 x 21.2 cm)
- **Pendant: 11 x 8.3 in (29.4 x 21.0 cm) includes sunshield
- **Weight**: Flush: 5.7 lbs (2.6 kg), Pendant: 6.4 lbs (2.9 kg)
- **Operative Conditions**: Flushed: 13° to 140°F (-25° to 60°C)
- **Pendant: 40° to 140°F (-40° to 60°C) with heater
- **Storage Conditions**: -4° to 158°F (-20° to 70°C)
- **Humidity**: 10 - 90% RH, non-condensing
- **Weatherproof Standard**: IP66 (Pendant Mount only)
- **Vandal Resistant**: IK10 (Pendant Mount only)

**REGULATORY**

- **Certification Model**: Flush Mount = C3601A; Pendant Mount = C3701A
- **Emissions**: EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32
- **Immunity**: EN50130-4
- **Safety**: EN/IEC60950-1, UL/CSA60950-1
- **Environmental**: ROHS2, WEEE

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>CAMERA</th>
<th>36860-101</th>
<th>SE2 Flush PTZ 30x (indoor only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>36861-101</td>
<td>SE2 Pendant PTZ 30x (indoor/outdoor)</td>
<td></td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- **36990**
- **15° NPT Short Pendant Mount with Back Box
- **36990A**
- **15° NPT Pendant Mount
- **36999**
- **15° NPT Wall Mount with Back Box**
- **36999A**
- **15° NPT Wall Mount
- **36999A**
- **Pole Adaptor
- **27639**
- **Corner Adaptor
- **36991**
- **Single Port UPOE PTZ Power Injector
- **37273**
- **SE2 Flush PTZ smoked bubble
- **37274**
- **SE2 Pendant PTZ smoked bubble

* For use with SE2 Pendant PTZ 30x (36861-101)

5-year warranty:
- Option for Advance Replacement or Repair & Return
- No need to issue a PO prior to receiving the replacement
- March Networks incurs all shipping costs — both ways — for Advance Replacements

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