Concept ◈ Pro

4MP

ENHANCED
LOW
LIGHT

12X
ZOOM

IP

# CP-HSD212A-IP4M

## Concept Pro Small 4MP IP 12x Zoom High Speed Dome

The Concept Pro CP-HSD212A-IP4M is a 4 Megapixel high speed dome with 12x optical zoom. The camera can be programmed with 300 preset positions and 12 auto-learning touring patterns allowing for virtually hands-free operation. The PTZ includes Intelligent Auto Tracking allowing you to track intruders on your site with a much higher level of precision than PIR detection. Additionally, the camera offers 300 degrees-per-second rotation speed ensuring movement of the camera remains responsive even when operated remotely from other locations.

## KEY FEATURES

- 4MP Resolution
- 12X Optical Zoom
- 4.7-56.4mm lens
- Intelligent Auto Tracking Functionality
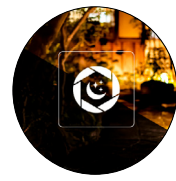- Enhanced Low Light Capability
- POE + Powered

## OTHER FEATURES

- Parking Action/Idle Action
- Preset/Tour/Scan/Patterns

### Auto Tracking

Auto Tracking uses intelligent analytics to track the things that matter to you in your installation in a few easy steps. This reduces the need for PIRs and a complex setup process while improving the quality of your security.

### Enhanced Low Light

Enhanced Low-Light harnesses Sony's Starvis technology to produce clear and crisp colour images where light is at a premium, this ensures our products with Enhanced Low-Light stay in colour for longer.

### No PIRs, No Problem!

In combination with Concept Pro Deep Learning Plus analytics you can ensure the PTZ is only looking at the things you care about utilising industry leading detection to ensure your PTZ is always pointing in the right direction.

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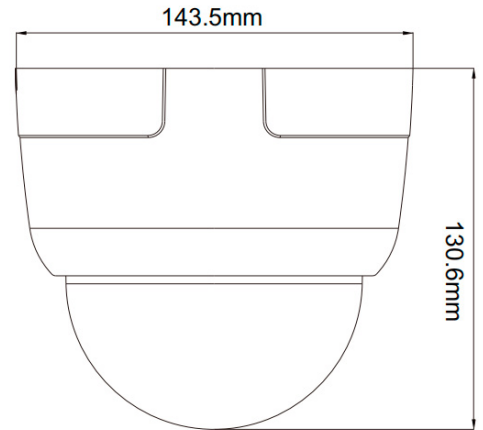Concept Pro Small 4MP IP 12x Zoom High Speed Dome

**Concept Pro**

## SPECIFICATION

| Model/Feature | | CP-HSD212A-IP4M |
|---|---|---|
| **Camera** | Image Sensor | 1/2.8" Progressive Scan CMOS |
| | Effective Pixels | 2592(H) x 1520(V) |
| | Electronic Shutter | Auto/Manual, 1/5-1/20,000s |
| | Min. illumination | Color: 0.01Lux @(F1.2,AGC ON)   B/W: 0Lux @(IR LED ON) |
| | S/N Ratio | 55dB |
| | Day/Night | Auto(ICR) / Day / Night / Timing |
| | Range | WDR (120dB) |
| | IR Range | - |
| | IR On/Off Control | - |
| | IR LEDs | - |
| **Lens** | Focal Length | 4.7~56.4mm |
| | Max. Aperture | F1.6~F3.0 |
| | Angle of View | H: 60.9°~6.43°, V: 40.1°~4.1° |
| | Optical Zoom | 12x |
| | Digital Zoom | 16x |
| | Focus Control | Auto/Manual |
| **PTZ** | Pan/Tilt Range | Pan: 0° ~ 360° endless, Tilt: -10° ~ +90° |
| | Manual Control Speed | Pan: 0.1° ~300° /s, Tilt: 0.1° ~200° /s |
| | Preset Speed | Pan: 300° /s, Tilt: 200° /s |
| | Presets | 128 |
| | PTZ Mode | 4 Track, 4 Tour, 4 Scan |
| | Speed Setup | Auto/Manual (0-8) |
| | Power up Action | Yes |
| | Idle Motion | Activate Preset/ Scan/ Tour/ Track if there is no command in the specified period |
| **Video** | Compression | H.265, H.264, MJPEG |
| | Max. Resolution | 4MP(2592×1520) |
| | Streaming Capability | 3 Streams |
| | Stream / Frame Rate | Stream1: 2592×1520/2560×1440/2304×1296/ 1920×1080/1280×720 @ 25/30fps Stream2: D1/VGA/640×360/CIF/QVGA @ 25/30fps Stream3: VGA/CIF/QVGA @ 25/30fps |
| | Bit Rate Control | CBR/VBR |
| | Bit Rate | Stream1: 200kbps~12Mbps |
| | | Stream2: 100kbps~6Mbps |
| | | Stream3: 100kbps~3Mbps |
| | Image Enhancement | HLC / BLC / Anti-shake / Defog /  WDR (120dB) |
| | White Balance | Auto/Tungsten/Fluorescent/Daylight/Shadow/Manual |
| | Gain Control | Auto/Manual |
| | Noise Reduction | 2D/3D DNR |
| | Smart IR | - |
| | Mirror | Yes |
| | Aisle Mode | Yes |
| | Region of Interest | Off / On (8 Zone) |
| | Motion Detection | Off / On |
| | Privacy Masking | Off / On (4 Area, Rectangle) |
| **Audio** | Compression | N/A |
| | Bit Rate | - |
| **Network** | Protocols: | IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP |
| | Interoperability | ONVIF, SDK, CGI |
| | Streaming Method | Unicast |
| | Max. User Access | 10 Users |
| | Edge Storage | - |
| | Web Viewer | <IE11, Chrome, Firefox |
| **Analytics** | Auto Tracking | Support |
| | IVS | Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad |
| **Interface** | Ethernet | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| | Audio | N/A |
| | Alarm | N/A |
| | RS485 | N/A |
| | CVBS Output | N/A |
| | Reset Button | No |
| **General** | Power Supply | DC12V/POE+ (IEEE 802.at) |
| | Power Consumption | Less than 25W |
| | Operating Temperature | Starting Temperature: -40°C ~ 60°C (-40°F ~ 140 °F) Working Temperature:-55°C ~ 60°C (-67°F ~ 140 °F) |
| | Operating Humidity | Less than 90% RH |
| | Ingress Protection | IP66, TVS4000V |
| | Certifications | CE/FCC |
| | Casing | Metal |
| | Dimensions | 143.5 x 143.5 x 130.6mm |

## DIMENSIONS

All measurements are in mm.



143.5mm

130.6mm

### ORDER CODE

- **CP-HSD212A-IP4M**    Concept Pro 4MP IP 12X Zoom High Speed Dome

### OTHER PRODUCTS IN THE RANGE

- **CP-HSD230-IP2M**    Concept Pro 2MP IP 30x Zoom High Speed Dome
- **CP-HSD230-IP3M**    Concept Pro 3MP IP 30x Zoom High Speed Dome
- **CP-HSD210A-AHD2M**    Concept Pro 2MP AHD 10x Zoom High Speed Dome
- **CP-HSD220D-AHD2M**    Concept Pro 2MP AHD 20x Zoom High Speed Dome
- **CP-HSD233E-AHD2M**    Concept Pro 2MP AHD 33x Zoom High Speed Dome

### RECOMMENDED ACCESSORIES

- **CP-HSDB2-PMA**    Concept Pro Small PTZ Pendant Mount
- **CP-HSDB2-PA**    Concept Pro Small PTZ Pole Mount
- **CP-HSDB2-WMA**    Concept Pro Small PTZ Wall Mount
- **CP-HSDB2-CMA**    Concept Pro Small PTZ Corner Mount

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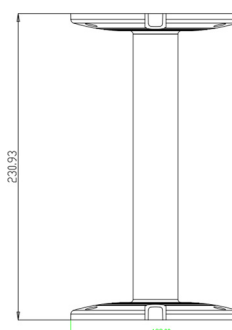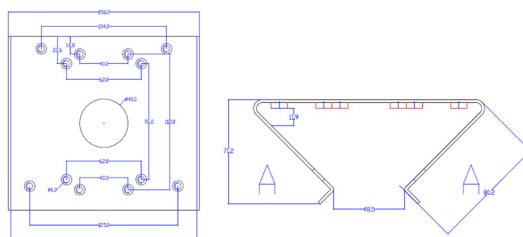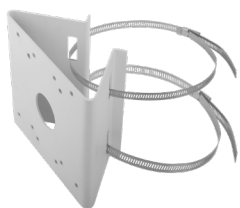
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### CP-HSDB2-PMA
Concept Pro Small PTZ Pendant Mount





### CP-HSDB2-PA
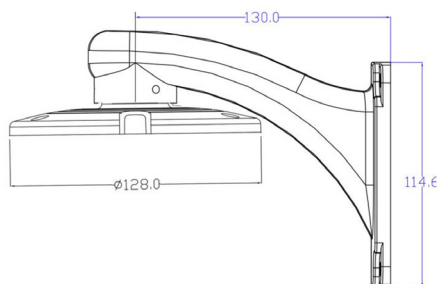Concept Pro Small PTZ Pole Mount





### CP-HSDB2-WMA
Concept Pro Small PTZ Wall Mount





### CP-HSDB2-CMA
Concept Pro Small PTZ Corner Mount