



Concept Pro

3MP

30X zoom LOW LIGHT



CP-HSD230-IP3M

Concept Pro 3MP IP 30x Zoom High Speed Dome

The Concept Pro CP-HSD230-IP3M is a 3 Megapixel high speed dome with 30x optical zoom. This camera features intelligent Auto Tracking as well as Deep learning Analytics, this means your PTZ won't be pointing the wrong way when you need your security the most.

This PTZ can be a very useful addition to a Concept Pro analytics system ensuring unrivalled accuracy without the setup frustrations.

You can also use this PTZ in a traditional way with Tours, Parking Actions and PIR sensors to make sure we have all your situations covered.



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.



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.



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.

KEY FEATURES

- 3MP Resolution
- 30X Optical Zoom
- 4.5 135mm lens
- Intelligent Auto Tracking Functionality
- Deep Learning Analytics
- Enhanced Low Light Capability
- ◆ 200M IR

OTHER FEATURES

- Parking Action/Idle Action
- Preset/Tour/Scan/Patterns
- 7 Alarm Inputs
- 2 Alarm Output

COMPATIBLE WITH

CONCEPT PRO
IP RECORDING
RANGE

CP-HSD230-IP3M

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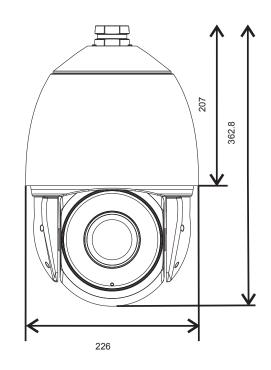


SPECIFICATION

	ature	CP-HSD230-IP3M
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Effective Pixels	2048(H) x 1536(V)
	Electronic Shutter	Auto/Manual, 1/1~1/10000s
	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
	Wide Dynamic Range	WDR (120dB)
	IR Range	Up to 200m
	IR On/Off Control	Auto/ Manual
	IR LEDs	10pcs
	Focal Length	4.5~135mm
	Max. Aperture	F1.6~F4.4
	Angle of View	H: 59.8°~2.3°
Lens	Optical Zoom	30x
	Digital Zoom	16x
	Focus Control	Auto/Manual
	Pan/Tilt Range	Pan: 0° ~ 360° endless, Tilt: -10° ~ +90°
	Manual Control Speed	Pan: 0.1° ~180° /s, Tilt: 0.1° ~90° /s
	Preset Speed	Pan: 180° /s, Tilt: 90° /s
T7	Presets	400
TZ	PTZ Mode	6 Track, 12 Tour, 12 Scan,
	Speed Setup	Auto/Manual (0-8)
	Power up Action	Support
	Idle Motion	Activate Preset/ Scan/ Tour/ Track if there is no command in the specified period
	Compression	H.265, H.264, MJPEG
	Max. Resolution	3MP(2048×1536)
	Streaming Capability	3 Streams
	Stream / Frame Rate	Stream1: 2048×1536/1920×1080/1280×720 @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~6Mbps
Video	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	Support
	Mirror	Support
	Aisle Mode	Support
	Region of Interest	Off / On (8 Zone)
	Motion Detection	Off / On
	Privacy Masking	Off / On (4 Area, Rectangle)
	Compression	G.711, RAW_PCM
udio	Bit Rate	8kbps(G.711), 16kps(RAW_PCM)
	Protocols:	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTF
	FTOLOGOIS.	
		PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP
	Interesperate 924	
	Interoperability	ONVIF, SDK, CGI
	Streaming Method	ONVIF, SDK, CGI Unicast
	Streaming Method Max. User Access	ONVIF, SDK, CGI Unicast 10 Users
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letwork	Streaming Method Max. User Access Edge Storage	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB
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ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB <ieti, (10="" 1="" 100="" 1ch="" 2ch="" 7ch="" abnormal="" android="" bad="" base-t)="" chrome,="" connector="" converse,="" double="" ethernet="" fence,="" fences,="" firefox="" illegal="" input,="" ios,="" loiter,="" loobject="" multi="" object="" output="" output<="" parking,="" perimeter,="" removed,="" rj-45="" signal="" single="" speed,="" sunview="" support="" td="" virtual=""></ieti,>
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB <ie11, (10="" 1="" 100="" 1ch="" 2ch="" 7ch="" abnormal="" android="" bad="" base-t)="" chrome,="" connector="" converse,="" double="" ethernet="" fence,="" fences,="" firefox="" illegal="" input,="" ios,="" le="" loiter,="" multi="" object="" output="" parking,="" perimeter,="" removed,="" rj-45="" signal="" single="" speed,="" sunview="" support="" support<="" td="" virtual=""></ie11,>
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB < E11, Chrome, Firefox SunView IOS, Android Support Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Lo Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad 1 Ethernet (10/100 Base-T) RJ-45 Connector 1ch Input, 1ch Output 7ch Input, 2ch Output Support Support
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output Reset Button	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB < E11, Chrome, Firefox SunView IOS, Android Support Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Le Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad 1 Ethernet (10/100 Base-T) RJ-45 Connector 1ch Input, 1ch Output 7ch Input, 2ch Output Support Support Yes (Built-in)
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output Reset Button Power Supply	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB <ie11, (10="" (adapter="" (built-in)="" 1="" 100="" 1ch="" 2ch="" 7ch="" abnormal="" ac24v="" android="" bad="" base-t)="" chrome,="" connector="" converse,="" double="" ethernet="" fence,="" fences,="" firefox="" hi-poe="" illegal="" input,="" ios,="" loiter,="" loobject="" multi="" object="" optional)<="" output="" parking,="" perimeter,="" removed,="" rj-45="" signal="" single="" speed,="" sunview="" support="" td="" virtual="" yes=""></ie11,>
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output Reset Button	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB <ie11, (10="" (adapter="" (built-in)="" 1="" 100="" 1ch="" 2ch="" 40w<="" 7ch="" abnormal="" ac24v="" android="" bad="" base-t)="" chrome,="" connector="" converse,="" double="" ethernet="" fence,="" fences,="" firefox="" hi-poe="" illegal="" input,="" ios,="" less="" lo="" loiter,="" multi="" object="" optional)="" output="" parking,="" perimeter,="" removed,="" rj-45="" signal="" single="" speed,="" sunview="" support="" td="" than="" virtual="" yes=""></ie11,>
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ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output Reset Button Power Supply Power Consumption	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB < E11, Chrome, Firefox SunView IOS, Android Support Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object LoObject Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad 1 Ethernet (10/100 Base-T) RJ-45 Connector 1ch Input, 1ch Output 7ch Input, 2ch Output Support Support Yes (Built-in) AC24V/Hi-POE (Adapter optional) Less than 40W
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output Reset Button Power Supply Power Consumption Operating Temperature	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB < E11, Chrome, Firefox SunView IOS, Android Support Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Loobject Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad 1 Ethernet (10/100 Base-T) RJ-45 Connector 1ch Input, 1ch Output 7ch Input, 2ch Output Support Support Yes (Built-in) AC24V/Hi-POE (Adapter optional) Less than 40W Starting Temperature: -40°C ~ 60°C (-40°F ~ 140 °F) Working Temperature: -55°C ~ 60°C (-67°F ~ 140 °F)
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output Reset Button Power Supply Power Consumption Operating Temperature Operating Humidity	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB <ie11, (10="" 1="" 100="" 1ch="" 2ch="" 7ch="" abnormal="" android="" bad="" base-t)="" chrome,="" connector="" converse,="" double="" ethernet="" fence,="" fences,="" firefox="" illegal="" input,="" ios,="" lobject="" loiter,="" multi="" object="" output="" parking,="" perimeter,="" removed,="" rj-45="" signal="" single="" speed,="" sunview="" support="" support<="" td="" virtual=""></ie11,>
ntelligence	Streaming Method Max. User Access Edge Storage Web Viewer Management Software Smart Phone Auto Tracking IVS Ethernet Audio Alarm RS485 CVBS Output Reset Button Power Supply Power Consumption Operating Temperature Operating Humidity Ingress Protection	ONVIF, SDK, CGI Unicast 10 Users NAS Local PC for instant recording Micro SD card 128GB <ie11, (-40°f="" (-67°f="" (10="" (adapter="" (built-in)="" -40°c="" -55°c="" 1="" 100="" 140="" 1ch="" 2ch="" 40w="" 60°c="" 7ch="" 90%="" abnormal="" ac24v="" android="" bad="" base-t)="" chrome,="" connector="" converse,="" double="" ethernet="" fence,="" fences,="" firefox="" hi-poe="" illegal="" input,="" ios,="" ip66,="" less="" lo="" loiter,="" multi="" object="" optional)="" output="" parking,="" perimeter,="" removed,="" rh="" rj-45="" signal="" single="" speed,="" starting="" sunview="" support="" td="" temperature:="" than="" tvs4000v<="" virtual="" working="" yes="" ~="" °f)=""></ie11,>
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DIMENSIONS

All measurements are in mm.



ORDER CODE

 CP-HSD230-IP3M Concept Pro 3MP IP 30x Zoom High

OTHER PRODUCTS IN THE RANGE

Concept Pro Lite 5MP IP 12X Zoom High Speed Dome CP-HSD212-IP5M

Concept Pro 2MP IP 30x Zoom CP-HSD230-IP2M

High Speed Dome

 CP-HSD210-AHD2M Concept Pro 2MP AHD 10x Zoom High Speed Dome

 CP-HSD220-AHD2M Concept Pro 2MP AHD 20x Zoom

High Speed Dome

 CP-HSD233-AHD2M Concept Pro 2MP AHD 33x Zoom High Speed Dome

RECOMMENDED ACCESSORIES

• CP-HSDB2-PM Concept Pro Pendant Mount CP-HSDB2-JB Concept Pro Junction Box • CP-HSDB2-CM Concept Pro Corner Mount CP-HSDB2-P Concept Pro Pole Mount CP-HSDB2-WM Concept Pro Wall Mount



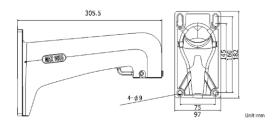
CP-HSD230-IP3M

Concept Pro 3MP IP 30x Zoom High Speed Dome



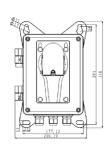
ACCESSORIES

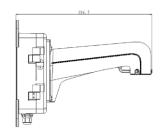
CP-HSDB2-WM
 Concept Pro Wall Bracket (included)





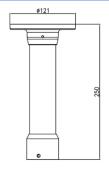
•CP-HSDB2-JB
Concept Pro Junction Box

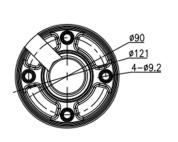






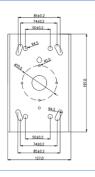
◆CP-HSDB2-PM Concept Pro Pendant Mount

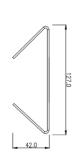






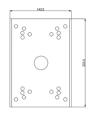
•CP-HSDB2-P Concept Pro Pole Mount

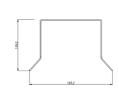






•CP-HSDB2-CM
Concept Pro Corner Mount







•CP-HSDB2-SNConcept Pro Swan Neck

