Network PTZ

XNP-6040H

2M H.265 4.3x PTZ Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x), 24x digital zoom
- H.265, H.264, MJPEG codec
- WiseStreamII/IP66, IK10 Support, Multiple streaming
- Day & Night (ICR), WDR (150dB)
- Digital image stabilization with Built-in Gyro sensor
- Motion/Direction/Fog/Audio detection
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC

Compatible Accessories (Optional)

SBP-300CM

SBV-136B

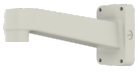
SBP-300PM

SBP-300KM

SBP-300WM1

SBP-300LM

SBP-137WM1


SBP-390WM2

SBP-300WM

SBP-300B

SHD-1408FW

SPB-PTZ71

SBP-301HM5

SBP-300NB

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Specifications

Video	
Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Min. Illumination	Color: 0.015Lux(F1.4, 1/30sec) BW: 0.0015Lux(F1.4, 1/30sec)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB type B, 1280x720 for installation

Lens	
Focal Length (Zoom Ratio)	2.8~12mm(4.3x) zoom (digital 32x, total 137.6x zoom)
Optical Zoom	4x
Max. Aperture Ratio	F1.4
Angular Field of View	H: 119.5-(Wide)~27.9-(Tele) V: 62.8-(Wide)~15.7-(Tele) D: 142.1-(Wide)~32.0-(Tele)
Min. Object Distance	Wide: 1.5m(4.92ft) / Tele: 2m(6.56ft)
Focus Control	AF / One-Shot AF / Manual
Lens Type	DC auto iris

Pan / Tilt / Rotate	
Pan Range	0- ~ 350-
Pan Speed	0.1-/sec ~60-/sec
Tilt Range	0- ~90-
Tilt Speed	0.1-/sec ~60-/sec
Sequence	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy	±0.5-

Operational	
Camera Title	Displayed up to 85 characters
Direction Indicator	Support
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point polygonal zones

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Privacy Masking	32ea, 4point quadrangle zones - Color: Grey/Green/Red/Blue/Black/White - Solid/Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror
Analytics	Directional detection, Fog detection, Face detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification
Serial Interface	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Analytics, Network disconnect, Alarm input
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output PTZ Preset
Audio In	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max.output level: 1Vrms
Auto Tracking	Support

Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/High, MJPEG
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
Smart Codec	Manual(5ea area), WiseStream II
Video Quality Adjustment	H.264/H.265: Target bitrate level control MJPEG: Target bitrate level control
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), NTCIP 1205
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
Application Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

General	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Micro SD/SDHC/SDXC 2slot 512GB
Memory	1GB RAM, 256MB Flash

Environmental & Electrical	
Operating Temperature / Humidity	-30°C~+55°C (-22°F~+131°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C~+60°C (-22°F~+140°F) / Less than 90% RH

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Certification	IP66, IK10
Input Voltage	DC12V, PoE(IEEE802.3af, Class3)
Power Consumption	DC12V: Max. 8.6W PoE : Max. 9.6W

Mechanical	
Color / Material	Ivory / Aluminum
Product dimensions / weight	ø136x106mm(5.35x4.17"), 780g(1.72 lb)
Hanging Mount (Dome)	SBP-301HM5
Backbox	SBV-136B
Ceiling Mount (Assy)	SBP-300CM
Wall Mount	SBP-300WM1, SBP-300WM
Pole Mount	SBP-300PM1
In-ceiling Mount	SHD-3000F3
Parapet Mount	SBP-300LM
Corner Mount	SBP-300KM1
Other Compatible Models	SPB-PTZ71(Smoked Dome Cover)

DORI (EN62676-4 standard)	
Detect (25PPM/ 8PPF)	Wide: 22.4m(73.47ft) / Tele: 154.6m(507.18ft)
Observe (63PPM/ 19PPF)	Wide: 9.0m(29.39ft) / Tele: 61.8m(202.87ft)
Recognize (125PPM/ 38PPF)	Wide: 4.5m(14.69ft) / Tele: 30.9m(101.44ft)
Identify (250PPM/ 76PPF)	Wide: 2.2m(7.35ft) / Tele: 15.5m(50.72ft)

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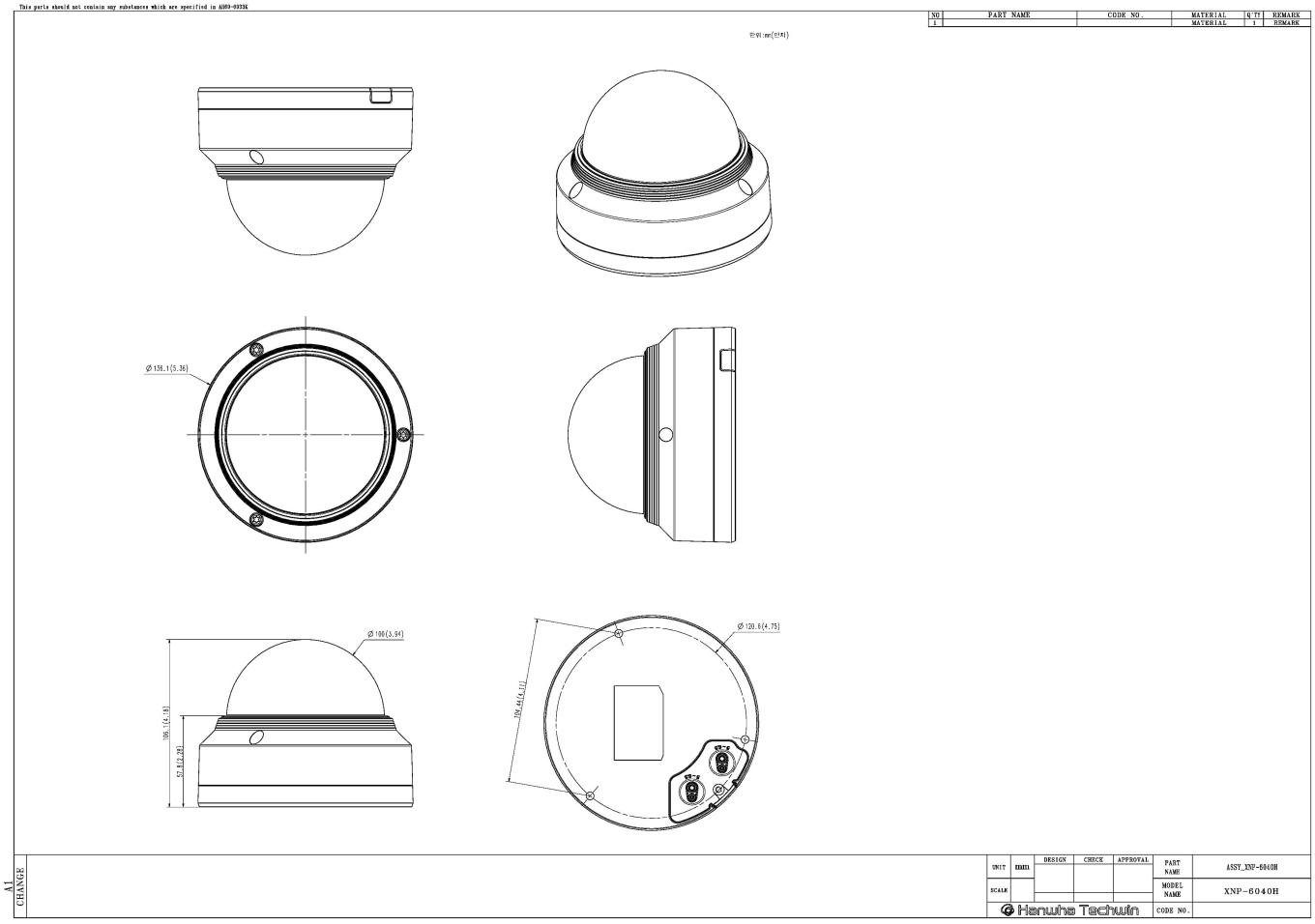
CAD

Unit:mm [inch]



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