



Network

PTZ

QNP-6230

2M H.265 23x PTZ Camera



Key Features

- Max. 2MP (1920 x 1080) resolution
- 4.44 ~ 102.2mm (Optical 23x) lens
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStreamII support
- Day & Night (ICR), WDR (120dB)
- DIS with Built-in Gyro sensor
- Tampering, Motion detection
- Memory slot (Max. 256GB)
- IP66, IK10 (QNP-6230 + SHP-3701H only)

Compatible Accessories (Optional)



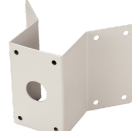
SHP-1520FW



SBP-300CM



SBP-300PM



SBP-300KM



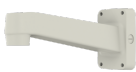
SBP-300WM1



SHP-3701H



SBP-300LM



SBP-390WM2



SBP-301HM3



SHP-3701FB



SBP-300WM



SBP-300B



SPB-PTZ6



SBP-300NB

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Specifications

Video

Imaging Device	1/2.8" 2MP 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: 0.05Lux(F1.6, 1/30sec) B/W: 0.005 Lux(F1.6, 1/30sec)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation

Lens

Focal Length (Zoom Ratio)	4.44~102.2mm(23x) zoom
Optical Zoom	23x
Max. Aperture Ratio	F1.6(Wide)~F3.6(Tele)
Angular Field of View	H: 61.8°(Wide)~3.08°(Tele) / V: 36.2°(Wide)~1.73°(Tele)
Min. Object Distance	Wide: 1.5m(4.92ft) / Tele: 2.0m(6.56ft)
Focus Control	Oneshot AF
Lens Type	DC auto iris

Pan / Tilt / Rotate

Pan Range	360- Endless
Pan Speed	Preset: 500-/sec, Manual: 0.024-/sec~200-/sec
Tilt Range	210-(-15~-195-)
Tilt Speed	Preset: 500-/sec, Manual: 0.024-/sec~200-/sec
Sequence	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy	±0.2-

Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	24ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
Gain Control	Low / Middle / High

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com.

Hanwha Vision is formerly known as Hanwha Techwin.

White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror
Analytics	Motion detection, Tampering
Serial Interface	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm I/O	Input 4ea / Output 2ea
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

Network

Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/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
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(10 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, PIM-SM, UPnP, Bonjour, LLDP, SRTP
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
Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only)
Edge Storage	Micro SD/SDHC/SDXC 1slot 256GB
Memory	1024MB RAM, 256MB Flash

Environmental & Electrical

Operating Temperature / Humidity	-10°C~+55°C(-14°F~+131°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C~+60°C(-22°F~+140°F) / Less than 90% RH
Input Voltage	PoE+(IEEE802.3at, Class4), 24VAC
Power Consumption	24VAC: Max 20W

Mechanical

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Hanwha Vision is formerly known as Hanwha Techwin.

QNP-6230

Color / Material	Ivory / Plastic
Product Dimensions / Weight	Ø152x218mm(5.98x8.58"), 1.7Kg(3.75 lb)
Compatible Models	
Hanging Adaptor	SBP-301HM3
Ceiling Mount (Assy)	SBP-300CM
Wall Mount	SBP-300WM1, SBP-300WM
Wall Mount Adaptor	SBP-300B
Pole Mount	SBP-300PM1
In-ceiling Mount	SHP-3701F
Corner Mount	SBP-300KM1
Housing	SHP-3701FB, SHP-3701H
Other Compatible Models	SPB-PTZ6

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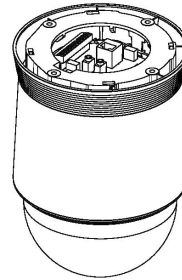
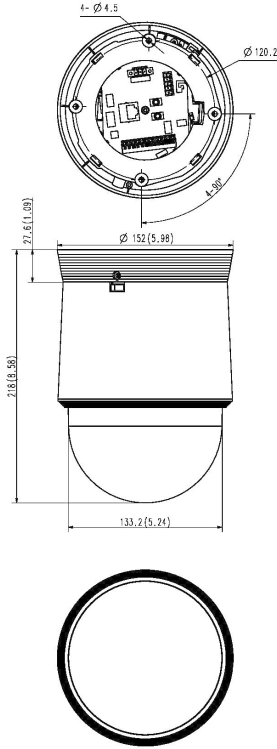


CAD

Unit:mm [inch]

This parts should not contain any substances which are specified in AIBO-0033K

NO	PART NAME	CODE NO.	MATERIAL	Q'TY	REMARK
1	XNP-6320	060042	MATERIAL	1	REMARK



XNP-6320 / QNP-6230

Unit : mm(inch)

A2
CHANGE

UNIT	mm	DESIGN	CHECK	APPROVAL	PART NAME	XNP-6320
SCALE	1/1	Design	Check	Approval	MODEL NAME	MODEL NAME
		15.08.01	15.08.01	15.08.01	CODE NO.	060042

