

2310111074



XNP-6320HS PTZ Dome Camera

2M 32x Network stainless PTZ Dome Camera

- ✓ Max. 2Megapixel (1920 x 1080) resolution
- ✓ 4.44 ~ 142.6 (32x) optical zoom, 32x digital zoom
- ✓ H.265, H.264, MJPEG codec support, Multiple streaming
- ✓ WiseStreamII support
- ✓ Day & Night (ICR), WDR (150dB)
- ✓ Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Face detection, Tampering • Motion detection
- ✓ SD/SDHC/SDXC memory slot (Max. 512GB), 24V AC / PoE
- ✓ IP67, IP66, NEMA4X, IK10
- ✓ Material : SUS316L

 IP66
  IP67
  IK10
  H.264

Description

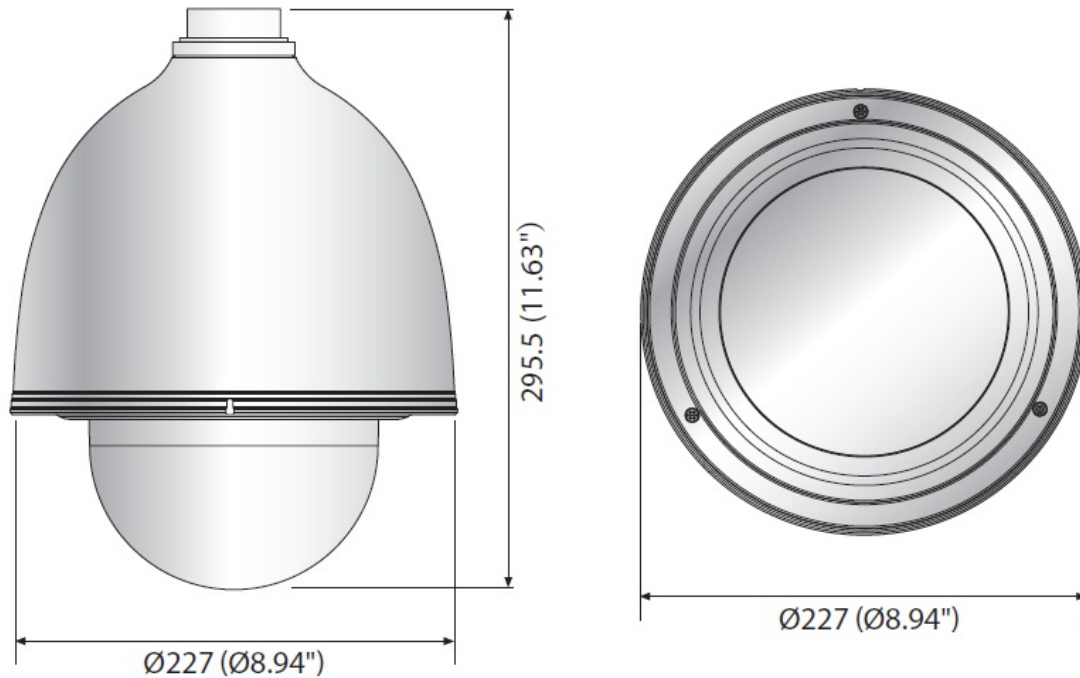
The XNP-6320HS from Hanwha's X Series is an affordable 2MP 32x network stainless PTZ dome camera featuring WiseStreamII support, Hanwha's compression technology, triple codec H.265/H.264/MJPEG, 4.44 ~ 142.6mm (Optical 32x) zoom ratio, Day & Night Auto (ICR) / Color / B/W / Schedule, 24V AC $\pm 10\%$, PoE+ (IEEE802.3at, Class4), 150dB WDR, Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Face detection, Tampering, and SD card slot (SD/SDHC/SDXC memory slot (Max. 512GB)).

Improved bandwidth efficiency with WiseStreamII support, H.265

WiseStream, the advanced compression technology can reduce bandwidth by 50% by using dynamic technologies. And when combined with H.265, the bandwidth efficiency can be improved up to 75% compared to the current H.264 technology.

Dimensions

Unit : mm (inch)



Specifications

VIDEO

Imaging Device	1/2.8" 2.4M CMOS
Total Pixels	1,981(H) x 1,288(V), 2.55M
Effective Pixels	1,944(H) x 1,212(V), 2.35M
Scanning System	Progressive
Min. Illumination	Color : 0.05Lux (F1.6), B/W : 0.005Lux (F1.6)
S / N Ratio	50dB

LENS

Focal Length (Zoom Ratio)	4.44 ~ 142.6mm (Optical 32x)
Max. Aperture Ratio	F1.6 (Wide) ~ F4.4(Tele)
Angular Field of View	H : 61.8°(Wide) ~ 2.19°(Tele) / V : 36.2°(Wide) ~ 1.24°(Tele)
Focus Control	Auto / Manual / One shot AF
Lens Type	DC Auto Iris
Mount Type	Board type
Pan / Tilt Range	360° Endless / 210° (-15° ~ 195°)

OPERATIONAL

Min. Object Distance	1.5m (4.92ft)(Wide), 2m (6.56ft) (Tele)
Camera Title	Off / On (Displayed up to 85 characters per line)
	W/W : English / Numeric / Special characters
	Common : Multi-line

(Max. 5), Color (Grey / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution

Day & Night	Auto (ICR) / Color / B/W / Schedule
Backlight Compensation	Off / BLC / HLC / WDR
Wide Dynamic Range	150dB
Digital Noise Reduction	SSNRV (2D + 3D Noise filter) (Off / On)
Motion Detection	Off / On (8ea, polygonal)
Privacy Masking	Off / On (24 zones of rectangle zone) - Color : Gray / Green / Red / Blue / Black / White
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor (included Mercury & Sodium)
Digital Image Stabilization	Off / On (Built-in Gyro sensor)
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1 ~ 1/12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Face detection, Tampering, Motion detection
Alarm I/O	Input 4ea / Output 2ea (Relay)
Alarm Triggers	Alarm input, Motion detection, Video & Audio analytics, Network disconnect
	File upload via FTP and E-Mail, Notification via E-Mail, TCP and HTTP,

Alarm Events	local storage SD/SDHC/SDXC or NAS recording at alarm triggers, External output, Preset
Pixel Counter	Support

NETWORK

Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.265 / H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240
Max. Framerate	H.265/H.264 : Max. 60fps at all resolutions, MJPEG : Max. 30fps
Smart Codec	Manual mode (Area- based: 5ea) , WiseStreamII support
Video Quality Adjustment	H.265 / H.264 / MJPEG : Target bitrate level control
Bitrate Control Method	H.265 / H.264 : CBR or VBR, MJPEG : VBR
Streaming Capability	Multiple streaming (Up to 10 profiles)
Audio In	Selectable (Mic in / Line in), Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm
Audio Compression Format	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
Audio Communication	Bi-directional (2-way)

Audio Communication	
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3 (MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication (EAP-TLS, EAP-LEAP)
Streaming Method	Unicast / Multicast
Max. User Access	20 users at unicast mode
Storage	Micro SD/SDHC/SDXC 2slot (up to 512 GB)
	- Motion images recorded in the SD/SDHC/SDXC memory card can be downloaded
	- NAS (Network Attached Storage), Local PC for instant recording
Application Programming Interface	ONVIF profile S/G, SUNAPI 2.0 (HTTP API), Wisenet Open Platform
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungary, Greek
Web Viewer	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 // Plug-in free Webviewer - Supported

ENVIRONMENTAL

Operating Temperature /
Humidity: -50°C ~ +55°C
(-58°F ~ +131°F) / Less
than 90% RH (24V AC) *
Start up should be done
at above -40°C (-40°F) -
35°C ~ +55°C (-31°F ~
+131°F) / Less than 90%
RH (PoE+) * Start up
should be done at above
-25°C (-13°F)

Storage Temperature /
Humidity: -30°C ~ +60°C
(-22°F ~ +140°F) / Less
than 90% RH

ELECTRICAL

Input Voltage / Current:
24V AC $\pm 10\%$, PoE+
(IEEE802.3at, Class4)

Power Consumption:
Max. 24W (Heater off),
Max. 65W (24V AC -
Heater on)

MECHANICAL

Color / Material:

SUS316L

Dimensions (WxH):

Ø227 x 295.5mm

(Ø8.94" x 11.63")

Weight: 5.3Kg (11.68 lb)
