XND-6085/6085V

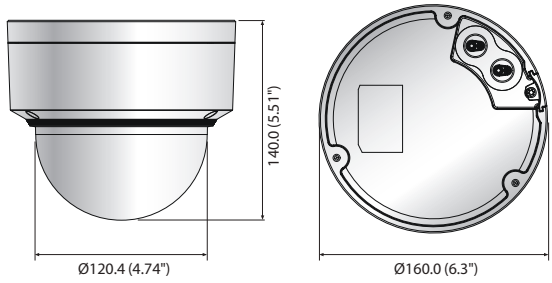
2M Network Dome Camera (extraLUX)

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 4.1 ~ 16.4mm (4x) motorized varifocal lens
- 0.004 Lux@F0.94 (Color), 0.0004 Lux@F0.94 (B/W)
- Max.60fps@all resoltuons (H.265 / H.264)
- H.265, H.264, MJPEG codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- LDC, PoE / 24V AC / 12V DC, Bi-directional audio Support

Dimensions

Unit : mm (inch)



Accessories (Optional)

SBP-300HM6

SBP-300NB

SBP-300B

SBP-300PM

SBP-300KM

SHP-1680F

SBP-300LM

SBP-300CM

SBP-300WM1

SBP-300WM

	XND-6085/6085V
VIDEO	
Imaging Device	1/2" 2.17M CMOS
Total Pixels	1,952(H) X 1,113(V) approx 2.17M pixels
Effective Pixels	1,945(H) X 1,097(V) approx 2.13M pixels
Scanning System	Progressive Scan
Min. Illumination	Color : 0.004 Lux (1/30sec, F0.94), B/W : 0.0004 Lux (1/30sec, F0.94)
S / N Ratio	50dB
Video Out	CVBS : 1.0 Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for Installation USB : Micro USB Type B, 1280 x 720 for Installation
LENS	
Focal Length (Zoom Ratio)	4.1 ~ 16.4mm (Optical 4x)
Max. Aperture Ratio	F0.94(Wide) ~ F2.4(Tele)
Angular Field of View	H : 100°(Wide) ~ 26.2°(Tele) / V : 54°(Wide) ~ 14.8°(Tele) / D : 116°(Wide) ~ 30°(Tele)
Min. Object Distance	0.7m (2.30ft)
Focus Control	Simple Focus (motorized V/F) / Manual
Lens / Mount Type	DC Auto Iris / Board-in Type
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	±175° / ±73° / ±175°
PTR Control	Remote adjustment (Max. 200 cycles)
OPERATIONAL	
Camera Title	Off / On (Displayed up to 85 Characters) - W/W : English / Numeric / Special Characters - China : English / Numeric / Special / Chinese Characters - Common : Multi-line (Max. 5), Color (Gray / Green / Red / Blue / Black / White), Transparency, Auto scale by Resolution
Day & Night	Auto (ICR) / Color / B/W / External / Schedule
Backlight Compensation	Off / BLC / HLC / WDR
Wide Dynamic Range	150dB
Contrast Enhancement	SSDR (Off / On)
Digital Noise Reduction	SSNRV (2D + 3D Noise filter) (Off / On)
Digital Image Stabilization	Off / On (Built-in Gyro sensor)
Digital PTZ	24x, Digital PTZ (Preset, Group)
Defog	Off / Auto / Manual
Motion Detection	Off / On (8ea, 8point polygonal zones), Handover
Privacy Masking	Off / On (32ea, polygonal zones) - Color : Gray / Green / Red / Blue / Black / White - Mosaic
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor (Included mercury & Sodium)
LDC (Lens Distortion Correction)	Off / On (5 Levels with min / max)
Electronic Shutter Speed	Minimum / Maximum / Anti Flicker (2 ~ 1/12,000sec)
Digital PTZ	24x, Digital PTZ (Preset, Group)
Flip / Mirror	Off / On, Hallway View : 90°/270°
Video & Audio Analytics	Tampering, Loitering, Directional detection, Defocus detection, Fog detection, Virtual line, Enter / Exit, (Dis) Appear, Audio detection, Face detection, Motion detection, Digital auto tracking, Sound classification
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Alarm Input, Motion detection, Video & Audio analytics, Network disconnect
Alarm Events	File Upload Via FTP, E-mail, Notification Via E-mail, Local storage (SD / SDHC / SDXC) or NAS recording at event triggers, External output, DPTZ preset
Pixel Counter	Support
NETWORK	
Ethernet	RJ-45 (10/100 BASE-T)
Video Compression Format	H.265 / H.264 (MPEG-4 part 10/AVC) : Main / Baseline / High, 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 : 2.5VDC (4mA), Input impedance : approx. 2K Ohm
Audio Out	Line out (3.5mm mono jack), Max output level : 1 Vrms
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)
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, 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
Edge Storage	SD / SDHC / SDXC 2Slot (Up to 512GB) - Continuous recording (1st Slot to 2nd Slot) - 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, French, German, Spanish, Italian, Chinese, Russian, Japanese, Swedish, Portuguese, Turkish, Polish, Czech, Dutch, Hungary, Greek
Web Viewer	Supported OS : Windows 7, 8, 10, Mac OS X 10.10, 10.11, 10.12 Non-plugin Webviewer - Supported Browser : Google Chrome 56, MS Edge 39, Mozilla Firefox 61 (Window 64bit only), Apple Safari 10 (Mac OS X only) Plug-in Webviewer - Supported Browser : MS Explore 11, Apple Safari 10 (Mac OS X only)
Central Management Software	SmartViewer, SSM
ENVIRONMENTAL	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -10°C (+14°F)
Storage Temperature / Humidity	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH
Ingress Protection / Vandal Resistance	IP51 / IK08
ELECTRICAL	
Input Voltage / Current	12V DC, PoE (IEEE802.3af, Class3)
Power Consumption	Max. 8.6W (12V DC), Max. 10.2W (PoE)
MECHANICAL	
Color / Material	Ivory / Plastic (XND-6085), Aluminum (XND-6085V)
Dimensions (WxH)	Ø160.0 x 140.0mm (Ø6.30" x 5.51")
Weight	1.10 kg (2.43 lb) (XND-6085), 1.25 kg (2.76 lb) (XND-6085V)

* The lastest product information / specification can be found at hanwha-security.com
* Design and specifications are subject to change without notice.
* Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

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