

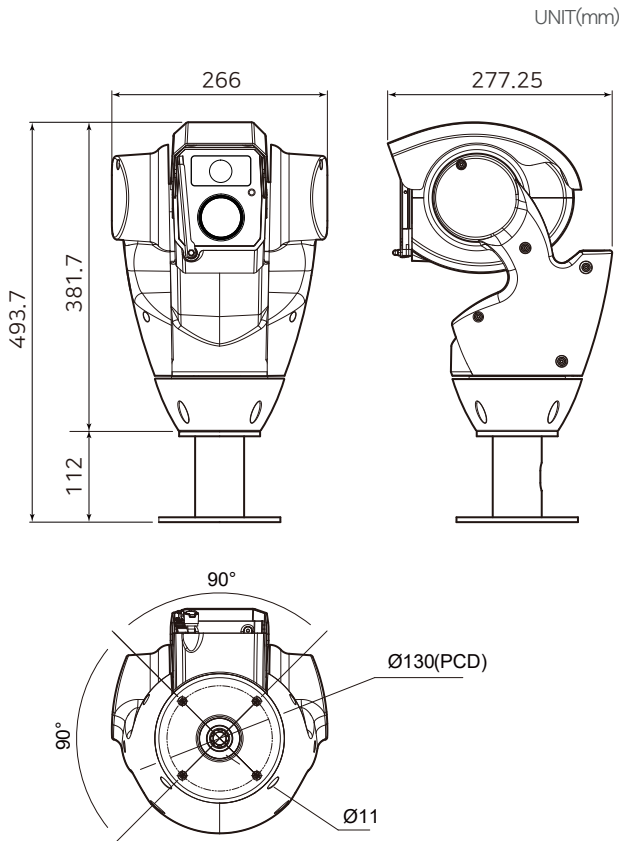
SUPEX-8000_36WS



Features

- motors for high-speed precision robots (BLDC)
- No gear / No belt / No Backlash / No Noise
- Preset Precision 0.05°
- High speed, Pan 330°/sec Tilt 120°/sec
- long-distance Laser IR (500m)
- Focal Length 6.0~216 mm±5%
- Various artificial intelligence support

Dimensions



※ Specification

Sensor	
Image Sensor	Sony IMX385L, 1/2" Starvis Sensor
Effective Pixel	1952(H) x 1113(V) approx. 2.17M pixels
Lens	
Focal Length	6.0~216 mm±5%
F No.	F1.5±5% (Wide) ~ F4.8±5% (Tele)
Field of View	H56.5°(W)~ V36°(W)*
Video	
Streaming Capability	4 Streams(@25/30fps)
Stream/Frame Rate	Stream1: 1920×1080, 1280×720
	Stream2: 1920×1080, 1280 x 1024, 1280×720, 720 x 480
	Stream3: 1280 x 720, 720 x 480, 704 x 480, 640 x 480
	Stream4: 1920×1080, 720 x 480, 320×240
Bit Rate Control	CBR / VBR(H.264 / H.265, 32k~10Mbps), CVBR
Region of Interest	Off/On (8 areas, Rectangle)
Image	
Image Adjustment	Sharpness, Gamma, Contrast, D-WDR, Defog
Image Rotation	Flip, Mirror
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Smart IR	Support
Noise Reduction	2D/3D DNR
Back light	Off, HLC, BLC, WDR(Low, Middle, High),
Wide Dynamic Range	True WDR
S/N Ratio	50dB
Motion Detection	Up to 4 zone, Motion Sensitivity
Privacy Masking	Support 8 zonest
AI Function	
Multi-Object Detection	Person, Car, Motorcycle, Bicycle, Truck, Bus, Face Detection
Intelligent Analytics	Intrusion Detection, Line Crossing, Object Counting, Object Tracking, Tampering, General Detection, Abnormal Detection
Network	
Interface	10/100 BaseT Ethernet Auto Sensing
Protocol	HTTP/HTTPS, RTP/RTSP (Uni/Multicast),
	TCP/IP (v4/v6), UDP, FTP, Telnet, RARP,
ONVIF	SNMP (option), DHCP, NTP, SMTP client, uPnP & etc
Security	profile S, T
Dynamic IP Playback	IP Filtering, HTTPS, Encrypted & Basic Authentication,
	Management
	White List
I/O	DDNS (www.ipcctvdns.com), Browser (Chrome, I.E, Edge)
Video Out	Program (SMVP, SMVP lite, VLC), Mobile App (FlexWATCH Mobile App)
Audio	VMS, NVR
Audio Compression	CVBS, HD Sony LVDS Camera Micro Coaxial Cable MIPI CSI-2
Alarm	2 Way (1 x Input, 1 x Output)
Serial	G.711-ulaw, Sampling Rates 8KHz, 16bit, Mono
microSD (option)	1 x DI, 1 x DO
	COM Port : UART, TTL Level (3.3V) Support
	1 x Slot Support (up to SDXC 128GB)
General	
Pan Range / Speed	360° (Endless), 0.3°/sec ~ 120°/sec
Tilt Range / Speed	-70° ~ +90°, 0.3°/sec ~ 90°/sec
Preset Accuracy / Repeat	Max. ±0.1° / Max. ±0.1°
Preset / Speed	Max. Point / Max. 300°/sec(Pan)
Power Source	AC 24V ±10%, 6A(MAX)
Power Consumption	90W (Heater on),
	70W (Heater off),(Max 90W)
Operating Temperature	-30°C ~ 55°C (-4°F ~ 131°F)
	/ Up to 90%RH
Unit Dim	W x H x D(mm): 250 x 402 x 300
Unit / Load Weight	9kg
Color/material	customize / Aluminum die-casting
Certificate/IP Rating	IPX 66, KC, CE

※ These specifications are standard and subject to change when designed