

# X36 HD IP IR PTZ OUTDOOR CAMERA NEW KAS-HRSD360

\* Excellent  
Procurement  
Product



## GENERAL FEATURES

- Day&Night(ICR), Defo360x zoom ratio(36x optical, 12x digital)
- Infinite 360° pan rotation
- Preset speed(MAX.240°/sec)
- Ultra low light sensor delivers vivid color images at night
- IR light automatically adjusts to camera zoom factor
- Day & Night (ICR), Defog
- 256 Preset setting
- 1 sensor input and 1 relay output
- Built-in fan / heater
- IP67, Vandal/Weather-Proof
- Use of Encoder Motor for Position Value Control
- Quiet pan tilt: 32.5dB or less

## IP FEATURES

### Real-time High Definition Speed Dome Camera

Sends 720p / 1080p HD quality video in real time using the most stable video compression engine.

### Simultaneous Multi-Streaming

Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264 /H.265 with simultaneous transmission to Network Video Recorder.

### Local SD Card Backup

It is possible to save important video data stops on the SDHC memory card, and save the video before and after the event.

## PTZ FEATURES

### Micro-Step Technology

Due to the Micro-step technology, on step angle is divided by 256. Accordingly, hi accuracy as well as ultra-low sound noise (>32.5dB) can be achieved. Micro-step technology enables low speed down to 0.05°/s.

### Vector Driving

With the new vector-controlled movement technology, the pan and zoom positions move the shortest distance to the commanded target at the same time.

## UNIQUE FEATURES

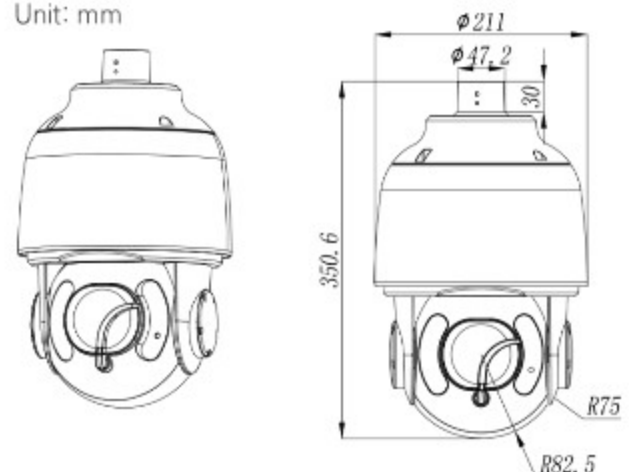
### IR Light / Ultra Low Light

Reaching over 300m using high-power monocrystal infrared LEDs, the light distance and angle are automatically synchronized according to the camera's zoom magnification for efficient night vision.



## Dimension

Unit: mm



# X36 HD IP IR PTZ OUTDOOR CAMERA

## NEW KAS-HRSD360



### CAMERA

Image Device	1/1.9" 2M Sony CMOS
Effective Pixels	2.38 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom	X36 Optical Zoom / X12 Digital Zoom
Focal Length	f = 5.8 ~ 210.0 mm, F1.5 ~ F4.8
Horizontal angle	60.0°(W) ~3.70 °(T)
MIN. Illuminance	Color: (IR OFF)0.005 Lux(F1.5) (IR ON) 0 Lux B/W: 0.0005 Lux(F1.5)
Day & Night	Auto / Day / Night (ICR)
Focus	Full Auto(Near Limit setting)/ Semi Auto/ Manual
DNR	2D/3D, Level Adjustment(1~5)
Shutter Speed	1 sec ~ 1/10,000 sec (60/30 mode) 1 sec ~ 1/10,000 sec (50/25 mode)
AGC	Auto / MANUAL
White Balance	AUTO/Manual/Indoor/Outdoor
WDR	AUTO / MANUAL /BLC
Other Functions	POWER UP ACTION, Defog, Home Position Setting, Parking Action, Wiper, 워치탑 제어를 위한 Encoder Motor 사용

### PAN / TILT

Range	Pan : 360°(Endless)
	Tilt : -15° ~ 180°(Flip)
Pan/Tilt Speed	Preset : 240°/ sec
	Manual : 0.05°~180°/sec (Zoom Proportional)
	Scan : 1.4°~ 150°/ sec
Preset	255 Presets with Labels
Group	8 Groups
Privacy Zone	Spherical Privacy Zone Masking
Sound noise	Under Max. 32.5dB(저소음) 인증제품

### GENERAL

Sensor In/Out	Built-in 1 Input / 1 Output(Relay)
Video Out	BNC: VBS 1.0 Vp-p
Infrared	IR Distance: 0m~300m, Wave: 850nm
Power	AC 24V / 36W
Approvals	KC, IP67, TTA 인증(TTA-V-19-163)
Housing	Vandal Proof Structure / Color: White
Material	Body: Aluminum Die-casting
Dimension	Net (H): Ø211 x 350.6 (H) mm
Weight	5Kg
Operating Temp	-30°C ~ 50°C
Humidity	100% Suitable for Use

### NETWORK

Video Compression	H.265/H.264/MJPEG	
Video Streaming	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)	
Frame Rate	Max. 30 fps for 1080p/720p/D1/CIF/ QCIF	
Resolution	All Codec:1080p,720p,D1,CIF MJPEG : QCIF	
Audio Compression	Two way, G.711 PCM. $\mu$ -law 64kbps 16kHz	
Local Storage	Micro SD/SDHC/SDXC card, Support up to 128GB (카드 미포함)	
Motion detection	Notification: FTP, e-mail, Alarm out, JPEG Recording on SD	
Alarm	Pre-Pos Alarm	
Max No. of Clients	10	
Protocols Support	IPv4	ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP
	IPv6	TCP/IP, HTTP, HTTPS, DHCP
	DDNS	Public DDNS services Support: www.dyndns.com, www.no-ip.com
	Security	HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported	Windows 10/7, Vista, XP, 2000	