



### KEY FEATURES

- 4K REAL TIME STREAM
- TRUE WDR MULTIPLE HDR EXPOSURE
- UP TO 31X OPTICAL ZOOM
- P-IRIS LENS SUPPORT
- NIGHT VIEW RANGE 200 METER
- ELECTRONIC IMAGE STABILIZER
- MUTLI CODEC SUPPORT
- QUAD STREAM SUPPORT
- SMART EVENT FUNTIIONS
- EDGE ANALYTICS DNN BUILT IN
- SD CARD SUPPORT
- AUDIO & ALARM AUXILIARY
- PROTECTION RATE IP66
- VANDAL BODY IK10
- WIPER SUPPORT

### SPECIFICATIONS

CAMERA	
SENSOR	1/1.8" Progressive CMOS, Sony Lens
MIN. ILLUMINATION	Color 0.008 Lux, BW 0.006 Lux
LENS	6.9 - 214.6mm, 31x Zoom Optical, F1.35
AUTO FOCUS	Support
EFFECTIVE PIXELS	3864 x 2180 (4K Resolution)
FOV	Horizontal: 61.7° ~ 2.1°, Vertical: 35.8° ~ 1.2°
IRIS	P-Iris, Auto- Iris, F1.35
SNR	≥ 50 dB
ELECTRONIC SHUTTER	1- 1/10K sec
DAY/NIGHT	Automatically removable IR-cut filter
WIDE DYNAMIC RANGE	E True WDR Support ≥ 120dB
HDR	Support Gen3 Engine
EIS	Support
DIGITAL ZOOM	Support 16x
IR ILLUMINATION	Illumination distance up to 200m
ENCODE	
VIDEO ENCODING	H.265, H.264, MJPEG
MAX RESOLUTION	H.265 HDR 4K @30fps + D1 @30fps , H.264 HDR 4K @30fps + D1 @30fps MJPEG 1080p @30fps
IMAGE ENHANCEMENT	BLC/HLC/AWB
STREAM	Up to 4 Individually configurable streams in H.265, H.264, MJPEG, Configurable Resolution/frame rate/bandwidth
VIDEO BITRATE CONTROL	Support LBR / VBR / CBR in H.265, H.264
AUDIO ENCODE	G.711 / G.726 / AAC / LPCM, 2-way stream
INTERFACE	
AUDIO	1x Audio in, 1x Audio Out, Terminal Block
ALARM	4x Alarm in, 2x Alarm out, Terminal Block
POWER	AC24V Terminal Block

NETWORK PORT	1x RJ45 Ethernet, 10/100/1000Mbps (1Gbps)
PAN/TILT	
PAN/TILT RANGE	Pan: 0 ~ 360° endless, Tilt -20 ~ 100°
MANUAL SPEED	Pan: 0.1 ~ 90°/s, Tilt: 0.1 ~ 55°/s
PRESET SPEED	Pan: 300°/s, Tilt: 300°/s
PRESET	256
PTZ MODE	8 Sequence, 8 Cruise, 4 Auto pan
FUNCTION	
ANALYTICS	Motion Detection, Audio Detection
EVENT TRIGGERS	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
EVENT ACTIONS	External output Activation, Video and Audio recording to edge storage, Upload FTP/Network share/Email
EDGE DNN ANALYTICS	Face Detection/Tracking/Recognition, LPR Detection/Recognition People Counting, Human/Vehicle Classification, Object Classification/Recognition
NOTIFICATIONS	HTTP, FTP, Email
PRIVACY MASKING	Support
CORRIDOR MODE	90°, 180°, 270° rotation
STORAGE	Support for microSD/microSDHC/microSDXC card (SD Not included), Support NAS
IMAGE SETTINGS	Color, Brightness, Sharpness, Contrast, White balance, Exposure Control, 2DNR, 3DNR, NR by Motion Masking
SECURITY FEATURES	User Authentication/HTTPS/IP Filter/IEEE 802.1x
TEXT OVERLAY	Support
NETWORK PROTOCOL	ARP, PPPoE, IPV4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
PROTOCOL	ONVIF S / G / T / M conformant

Specifications subject to change. For the most up-to-date specifications, please visit [starviewtech.net](http://starviewtech.net)



# SA-Z8030R-W31

## 4K IR SPEED DOME NETWORK IP CAMERA

### SPECIFICATIONS, CONT.

GENERAL PARAMETER	
PROTECTION GRADE	IP67, IK10 Vandal Body
CASING	Metal and Plastic
WIPER	Support
WORKING TEMPERATURE	-40°C - 60°C / -40°F - 140°F with heater
HUMIDITY	0% - 90% Non Condensing
STORAGE CONDITIONS	-20 C° - +70 C° / -4°F - +158°F
APPROVALS	EMC CE / FCC, Safety LVD
DIMENSION	Φ 241 x 349mm / Φ 9.4" x 13.7" with Sunshield
WEIGHT	~5.5Kg / ~12.1 lb
POWER SUPPLY	IEEE802.3bt, Type 3, class 6, max 51.00 W AC24V, max 53.10 W

### ACCESSORIES



Outdoor Mounting Kit



Standard Pendant Mount (Pelco Thread)



Mini Pendant Mount



Straight Tube 50cm / 100cm

For technical or sales support, please visit:  
[www.starviewtech.net](http://www.starviewtech.net)

For assistance with confirming the Jurisdiction & Classification of Starview Technology products, please contact [sales@starviewint.com](mailto:sales@starviewint.com)

Copyright © 2025 Starview Technologies Private Limited. All rights reserved.  
Singapore Headquarters: 60 Kaki Bukit Place, #05-19 Eunos Techpark, Singapore 415979