

# 2MP 20X PTZ DOME CAMERA

Stainless Steel 316L 2MP **Ex-Proof** 20X Pan/Tilt/Zoom Dome Camera



## LSH-SXN

### Key Features

- AISI 316L Electro Polished Stainless Steel
- 2MP H.265 Network 20X Zoom PTZ Dome
- Optical 20X Zoom, 4.7 ~ 94mm
- 55.5°(H) ~ 3°(H)
- PAN (360°Endless / Max. 380°/sec) / TILT (-10~190° / Max. 380°/sec)
- Shock and Vibration Tested
- Fan and Heater
- 12VDC / 24VAC / POE
- IP68
- -40°C~60°C



**LSH-SXN**

# PRODUCT SPECIFICATIONS

## LSH-SXN Series

### Camera

- **Image sensor**  
1/2.8" Sony STARVIS CMOS
- **Scanning mode**  
Progressive scan
- **Lens**  
Optical zoom 20x, 4.7-94mm±5%
- **Digital zoom**  
16x
- **Angle of view**  
H: 55.5°-3°
- **Shutter speed**  
Auto(1/30,000sec-x8sec)
- **Day/night**  
ICR(auto/day/night)
- **Min. illumination**  
Color: 0.2Lux@50IRE,  
BW: 0.01Lux@50IRE
- **Camera setting**  
WDR, DNR, BLC, HLC, White  
balance, Exposure control, Mirror,  
Flip, Privacy masking, Defog, DIS,  
OSD
- **Analytics**  
Tamper, Video motion detection
- **PTZ**  
Pan: 360° endless, Tilt: -10°-+190°  
Pan/tilt speed: max. 380°/sec  
(preset)  
Preset: 256, Tour: 8, Pattern: 8

### Video

- **Compression**  
H.265(Main profile), H.264(High,  
Main, Base line profile), MJPEG
- **Resolution**  
1920x1080, 1440x1080,  
1280x1024, 1280x720, 1024x768,  
800x600, 800x480, D1, 640x480,  
400x240, CIF
- **Frame rate**  
Max. 30(25)fps@1920x1080
- **Streaming**  
Simultaneously H.265, H.264 and  
MJPEG (Quad streaming)  
Independent Frame Rate and  
Bandwidth Control, CVBR/CBR

### Network

- **Security**  
Multi User Authority, IP Filtering,  
HTTPS
- **Protocol**  
TCP/IP, UDP, IPv4/v6, HTTP,  
HTTPS, QoS FTP, UPnP, RTP,  
RTSP, RTCP, DHCP, ARP,  
Zeroconf, Bonjour
- **API**  
Open API, ONVIF profile S

## MAIN CERTS

### ATEX

ATEX (EN IEC 60079-0: 2017 , EN 60079-1:  
2014, EN 60079-31: 2014):  
II 2 G Ex db IIC T6 Gb Ta -40°C to +60°C  
II 2 D Ex tb IIIC T85°C Db Ta -40°C to +  
60°C

### IECEX

IECEX (IEC 60079-0: 2017 , IEC 60079-  
1: 2014, IEC 60079-31: 2013):  
I Ex db IIC T6 Gb Ta -40°C to +60°C IEx  
tb IIIC T85°C Db Ta -40°C to +60°C





## **General**

- **Connectors**

Ethernet RJ-45(10/100Base-T)

Power 2pin terminal block

4 alarm input, 1 alarm output

- **Power supply**

12VDC / 24VAC / POE

- **Power consumption**

250mA(12W)@PoE, 1A (12W)

@12VDC, 1.5A(22W)@24VAC

- **Operating humidity**

0-90% RH(Non-condensing)

- **Operating temperature**

-40°C - +60°C

- **Ingress protection**

IP68

- **Dimension**

270(Ø)x213(H)mm

- **Weight**

Approx. 13Kg

- **Certification**

ATEX, IECEx, KCs