

Datasheet: DS-HD8638Z

Product Picture:



Hardware

| | |
|------------------|------------------------------|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Effective Pixels | 3840 x 2160 |

Interface

| | | |
|----------------|--|----------------------------------|
| Optical lens | Interfaces | 5 14 |
| | Iris | Fixed Iris |
| | Focal Length | 2.7-13.5mm(Motorized & One Push) |
| Audio Talkback | 1ch MIC external access, 3.5mm AV interface (Optional) | |
| Audio Output | 1ch speaker output, 3.5mm AV interface (Optional) | |
| Network Port | Lan | 10/100M BASE-TX, RJ-45 connector |
| RS485 | 1*RS485 interface (Optional) | |
| Alarm I/O | 1ch alarm input, 1ch alarm output (Optional) | |
| Micro SD | Max. 128G (Optional) | |

Product Features:

- 1/2.8" Progressive Scan CMOS
- 8.0 Megapixel, 3840 x 2160
- 2.7-13.5mm(Motorized & One Push), 2pcs IR Array LED for 60M, IR ON 0.01 Lux, 140dB TWDR
- Support ONVIF Profile S, FTP, RTSP, UPnP etc.
- Support Dual-Stream, Mobile Surveillance, Heartbeat Mechanism, 3D-DNR, Defogging, D-WDR, Lens Correction, Corridor Monitoring etc.
- RJ45, DC 12V, Easy-to-install bracket included
- Option: SD card slot, Alarm I/O, Audio I/O, RS485, POE

Audio&Video encoding

| | | |
|------------------------------|---|--|
| Video Compression | H.265/H.264/MJPEG | |
| | H.265 encoding: Main Profile | |
| | H.264 encoding: High Profile/Main Profile/Baseline | |
| Resolution | Main Stream | 3840*2160/2592*1944/1920*1080; 1~30fps(adjustable) |
| | Sub Stream | 1920*1080/640*480; 1~30fps(adjustable) |
| Video Bitrate | 30Kbps~16Mbps, Supports CBR/VBR | |
| OSD Settings | Text overlay supported like title, time, date, week, bitrate and etc. OSD location is adjustable | |
| Privacy Mask | 4 configurable regions | |
| Image Orientation | Image Flip and Mirror | |
| Auto Image Control Functions | Auto Exposure Control (AEC); Auto White Balance (AWB); Auto Gain Control(AGC) | |
| Image Controls | Saturation, Brightness, Contrast, Hue, Sharpness, Gamma, D-WDR | |
| Others | Anti Fogging/Anti Trembling/IR Detection/IRIS/ | |
| Audio Compression | G.711A/G.711U/G.726 | |
| Two Way Audio | Support | |

Application Scenarios:

Government, intelligent community, hospital, road, transportation, school, prison, military district etc.

Data transmission and storage

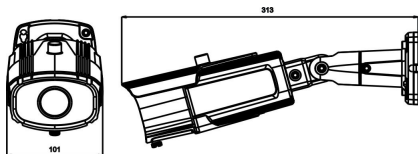
| | |
|-------------------|--|
| Data storage | Video and Image |
| Recording | Auto recording and manual recording (motion & sensor alarm recording, scheduled recording) |
| Alarm output | FTP, E-mail |
| Network protocols | TCP/IP、UDP、RTP、RTSP、RTCP、HTTP、DNS、DDNS、DHCP、FTP、NTP、PPPOE、SMTP、UPNP |

Order Type:

DS-HD8638Z

| | | |
|------------------------|--------------|-----------------|
| Wireless protocols(-W) | ----- | |
| ONVIF Protocols | PROFILE S | |
| Remote View | PC | IE 6.0 above |
| | Mobile Phone | ----- |
| | User Access | Maximum 5 users |

Outline Dimension:



General Parameters

| | |
|-----------------------|---|
| Environmental Casing | Aluminum Alloy Housing, Indoor and Outdoor Applicable |
| Installation | Ceiling Mounted & Wall Mounted |
| Operating Temperature | -10 °C ~ 50 °C |
| Operating Humidity | 0% -85% RH |
| Power | DC12V ±10% |
| POE | Support |
| Power Consumption | <12w(IR ON) |
| Dimension | L313XW101XH70mm |
| Weight | 965g |