



Features:

- 1/2.8" Sony IMX415 CMOS sensor
- 8MP 4K UHD resolution 3840 x 2160 output
- Ultra low illumination 0.01Lux
- Day/Night, AWB, 2D/3D-DNR, IR-CUT,WDR/HDR
- Multiply Style OSD Overlay,Human Motion Detection, Privacy Mask
- RTSP and Onvif 17.06 compatible with many third-party NVR
- H.264/H.265 three-stream RTSP media server
- Easy-to-use P2P Cloud service
- Alarm snapshot to FTP and Email
- Storage to NAS via NFS protocol
- Youtube Live via RTMP Protocol
- Support user authentication, video data encryption, HTTPS security access
- Multiply WEB browser compatible, PC Client, Mobile APP remote access
- RJ45 100mbps network port, IEEE802.3af PoE
- Lightning protection 4000V
- Strong water-proof housing, IP66
- 6pcs array IR Led, IR distance 20-30 meters
- 3.6 mm fixed lens
- Built-in Mic and speaker two-way audio, SD slot Max 256GB

Technical Specifications:

Model	IPL-B628SDF2B
Camera	
Image Sensor	1/2.8" 8MP IMX415 CMOS
Effective Pixels	3840(H)×2160 (V)
Electronic Shutter	AUTO, 1/25s ~ 1/100000s, Manual
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on

Day/Night	Auto/Color/(B/W)/Timing
WDR	WDR/HDR
White Balance	Auto/Manual
AGC/BLC/HLC	Support
DNR	2D/3D DNR
Other	Multi-lines OSD, Motion Detection, Privacy Mask, Mirror, shutter
Encode	
Video Standard	H.264/H.265/H.265+
Video Resolution	MainStream: 20fps@8MP(3840x2160),30fps@6MP(3072x2048)/5MP(2592x1944)/4MP/3MP,60fps@1080P/720P Sub stream: 720x480/VGA(640x480)/360P/QVGA@30fps,etc. Third stream:10fps@1080P/720P/CIF
Video Bitrates	64Kbps - 12Mbps, VBR/CBR
Audio Standard	G.711-u/G.711-a/AAC
Built-in Mic	Yes
Built-in Speaker	Yes
OSD Overlay	Title and Time overlay
Event Alarm	
Human Detection	Yes
Motion Detection	Yes
Alarm Trigger Action	Snapshot/recording/APP alert/Email/FTP/Onvif/Speaker warning
IR Led	
IR Led	6 pcs array IR Led
IR Distance	20-30 M
Lens	
Focal length	3.6 mm fixed lens
Network Services	
Protocol	HTTP/HTTPS/RTSP/FTP/SMTP/DHCP/NTP/DST/NFS/RTMP
P2P	Yes
Web	IE Chrome Firefox Edge Safari
Media	LMS, Android, IOS
ONVIF	17.06 compatible
General	
Language	English/Chinese/ Russian/ German/ Italian/ Korean/ Turkish/ Pakistan
Network Port	1-RJ45, 100Mbps, PoE 48V in
Power Supply	12 VDC \pm 10%
Power Consumption	< 8 W
Operating Temp.	-30 $^{\circ}$ C-(+60) $^{\circ}$ C, 10%-90%RH
Housing Material	Aluminum Metal