



OPTIPLUS
networks

IP CAMERAS

Model: OP-D1020

Feature:

- 1/3" Progressive Scan CMOS
- Up to 1.3MP resolution, real-time image
- Low illumination, 0.014 lux @ (F1.4, AGC ON)
- H.264 main profile compression
- Support IR-CUT filter switch to achieve day and night monitoring
- Support motion detection and sending mail alert automatically
- Support smart mobile and network Surveillance
- Support network user management,
- Compatible with ONVIF standard, Support PoE, WDR
- Support real-time remote monitoring, playback and downloading;



Specification:

Model	OPTiS OP-D1020
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Signal System	PAL/NTSC
Effective Resolution	1280x960
Min. Illumination	0.014lux @F1.4 0 lux with IR
Electronic Shutter	1/50(1/60)s - 1/100,000 s
Lens	2.8-12mm @ F1.4. Angle of View: 80°~ 27.2°
Day & Night	Support IR-CUT
IR Distance	Upto 30 mtr
Synchronization way	Internal synchronization
Video Output	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 48dB
Compression	
Video Compression	H.264 Main Profile, JPEG Capture
Video Bite Rate	32 Kbps~8Mbps
Image	
Max. Resolution	1280*960
Frame Rate	50Hz: 25fps (1280 x 720) 30fps (1280*920)
Lens Mount	Φ14

Network Function	
Storage	Support network storage
Intelligent Alarm	Motion detect ,Video loss, Network disconnection, IP address conflict
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS, PPPoE, SMTP,NTP,RTSP
	(HTTPS,SIP ,802.1x,IPv6 Optional)
Basic	Anti-flicker, Dual stream, Heartbeat, Password protection
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet interface
Video Output	1Vp-p Composite Output(75Ω/BNC)
General	
Operating Condition	-10°C~60°C, Humidity 90% or less(non-condensing)
Power Supply	DC12V±10%, POE Support
Power Consumption	Max 5.5 W (max 7W with ICR on)
Ingress protection level	IP66
Weight	1000g

Model : OP-D3020

Feature:

- 3MP(2048x1536)Realtime Encoding,Snapshot Resolution 2048x1536
- ICR Auto Switch, Ture Day & Night
- IR Distance 20-30m
- Support 3D DNR, Digital WDR
- WDR Optional
- Support ROI Area Encoding
- Support CVBS Video Output, Two-way Audio,Support POE
- Support Smart Phone, iPad, Remote Monitoring
- Support P2P



Specification:

Model	OPTIS
Camera	
Image Sensor	1/3"CMOS
Image Size	2048x1536
Electronic Shutter	1/25s ~ 1/100000s
Auto Iris	Fixed Iris
Min.Illumination	0lux (IR LED ON)
Lens	2.8-12mm @F1.4 Angle of View : 91.2° - 28.3°
Lens Mount	Φ14 mount
Day & Night	ICR
WDR Range	Digital WDR
Digital Noise Reduction	3D Digital Noise Reduction
Image	
Compression	H.264 / MJPEG
H.264 Compression	Main Profile
Encode Mode	VBR/CBR
Quality	Five levels under VBR; Free adjustment under CBR
Bit rate	32Kbps ~ 16Mbps
Max Image Resolution	2048x1536
Frame Rate	2048x1536(1~30fps) / 1920x1080(1~30fps) 1280x720(1~10fps) / D1(1~30fps) / CIF(1~30fps) D1(1~30fps) CIF(1~30fps) / 480x240(1~30fps)

Image setting	ROI,brightness , hue, saturation, contrast , WDR , sharpening , noise reduction (Adjustment available through IE and client)
Audio compression	G.711/G.726
ROI	Support each stream ROI setting
Port	
Network	RJ45
Video Output	CVBS video output(BNCx1)
Audio	Two-way audio (MIC INx1 , MIC OUTx1)
SD Card	Support TF , Maximum 64GB
RS485	Support
Alarm Input	1 CH
Alarm Output	1 CH
Functions	
Remote Monitoring	IEBrowsing, NVMS remote control
Online connection	Support simultaneous monitoring for upto 10 users; Support multi-stream real time transmission
Network Protocol	TCP/IP,UDP,DHCP,NTP,RTSP,PPPoE,DDNS,SMTP,FTP
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	TF local storage, network remote storage
Smart alarm	Motion Alarm, Sensor Alarm
PTZ	RS485x1
IR Distance	30m
Water-proof	IP66, IK10
Other	
Power Supply	DC12V±10%, PoE (802.3af)
Power Consumption	Max 5.5W (7.5W with IR on)
Operating Conditions	-40°C ~ 50°C,10% ~ 90% humidity
Ingress protection level	IP66, IK10
Weight(net)	1000g

Model : OP-W3008

Feature:

- 3MP(2048x1536)Realtime Encoding, Snapshot Resolution 2048x1536
- ICR Auto Switch, True Day & Night
- IR Distance 30-50m
- Support 3D DNR, Digital WDR
- WDR Optional
- Support ROI Area Encoding
- Support CVBS Video Output, Two-way Audio, Support POE
- Support Smart Phone, iPad, Remote Monitoring
- Support P2P



Specification:

Model	OPTIS
Camera	
Image Sensor	1/3"CMOS
Image Size	2048x1536
Electronic Shutter	1/30s ~ 1/100000s
Auto Iris	Fixed Iris
Min.Illumination	0lux (IR LED ON)
Lens	2.8-12mm @F1.4 Angle of View : 98° - 30.5°
Lens Mount	Φ14 mount
Day & Night	ICR
WDR Range	Digital WDR
Digital Noise Reduction	3D Digital Noise Reduction
Image	
Compression	H.264 / MJPEG
H.264 Compression	Main Profile
Encode Mode	VBR/CBR
Quality	Five levels under VBR; Free adjustment under CBR
Bit rate	32Kbps ~ 16Mbps
Max Image Resolution	2048x1536
Frame Rate	2048x1536(1~30fps) / 1920x1080(1~30fps) 1280x720(1~10fps) / D1(1~30fps) / CIF(1~30fps) D1(1~30fps) CIF(1~30fps) / 480x240(1~30fps)

Image setting	ROI,brightness , hue, saturation, contrast , WDR , sharpening , noise reduction (Adjustment available through IE and client)
Audio compression	G.711/G.726
ROI	Support each stream ROI setting
Port	
Network	RJ45
Video Output	CVBS video output(BNCx1)
Audio	Two-way audio (MIC INx1 , MIC OUTx1)
SD Card	Support TF , Maximum 64GB
RS485	Support
Alarm Input	1 CH
Alarm Output	1 CH
Functions	
Remote Monitoring	IEBrowsing, NVMS remote control
Online connection	Support simultaneous monitoring for upto 10 users; Support multi-stream real time transmission
Network Protocol	TCP/IP,UDP,DHCP,NTP,RTSP,PPPoE,DDNS,SMTP,FTP
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	TF local storage, network remote storage
Smart alarm	Motion Alarm, Sensor Alarm
PTZ	RS485x1
IR Distance	30m
Water-proof	IP66, IK10
Other	
Power Supply	DC12V±10%, PoE (802.3af)
Power Consumption	Max 5.5W (7.5W with IR on)
Operating Conditions	-40°C ~ 50°C,10% ~ 90% humidity
Ingress protection level	IP66, IK10
Weight(net)	1200g

2MP PTZ IP camera

Feature:

- 1 / 3" CMOS progressive scan, 20x optical zoom
- HD network video output : 1920 x 1080P@25 / 30fps
- H.264 image compression format
- TCP / IP, UDP, DHCP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE
- SD card local storage, network remote storage
- Web GUI Menu
- Support selected area amplification and PTZ function
- Provide standard SDK, easy to integrate with other digital system
- CVBS video output
- IP66 ingress protection; 4KV lightning protection, surge protection
- 100m IR night view distance



Specification:

Model	
Camera	
Image sensor	1/3" Progressive CMOS
Image pixels	1920x1080
Horizontal resolution	1000TVL
Min. Illumination	0 Lux
IR distance	100m
WB	Auto/Manual
S/N Ratio	>50dB
Day/night	Auto/Manual/Timing
Focus mode	Auto/Manual
Lens	20xZoom,f=4.7~94mm,F1.6~F3.5
PTZ	
Pan range	360 endless rotation
Pan speed	Preset Speed: 240° /S; Manual Control Speed:0.5~90° /S
Tilt range	0~90° (auto rotation)
Tilt speed	Preset Speed: 240° /S; Manual Control Speed:0.5~90°/S
SYSTEM	
PTZ control	Support
Preset	255
Patrol	8
Trace	4
Time Task	8
Scan	2

Home position display	Support
Auto Flip	Support
Alarm input	7CH(NC/NO)
Alarm output	1CH
Alarm linkage	Support
Network Function	
Compression	H.264
Frame rate	1~30FPS(25FPS)
Protocal	TCP/IP,UDP,DHCP,DDNS,NTP,RTSP,SMTP,FTP,PPPoE
Storage	SD card local storage,network remote storage
Smart alarm	Motion ,Sensor
Resolution	1920*1080,1280*720,640*480,320*240,160*120
Multi-stream	Support
PORT	
Network interface	10Base-T/100Base-TX,RJ45
Audio	Mic input*1,Mic output*1
Analog output	CVBS
OTHERS	
Control	RS485/Network
Power supply	AC24V/3000mA
Power consumption	15W(max.65W,IR on Heater on)
Working environment	Temperature:-20°C ~ 60°C; Humidity:less than 95%
Protection level	IP66
Weight	5KG
Dimensions(mm)	Φ216mm x 349mm

Model : OP - D2020

Feature:

- 1/3" Progressive Scan CMOS
- Up to 2.0MP resolution, real-time image
- Low illumination,0.014 lux@(F1.4,AGC ON)
- H.264 main profile compression
- Support IR-CUT filter switch to achieve day and night monitoring
- Support motion detection and sending mail alert automatically
- Support smart mobile and network Surveillance
- Support network user management
- Compatible with ONVIF standard, Support PoE, WDR
- Support real-time remote monitoring, playback and downloading



Specification:

Model	OPTIS D2020
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Signal System	PAL/NTSC
Effective Resolution	1920×1080
Min. Illumination	Color :0.014lux @F1.4 0 lux with IR
Electronic Shutter	1/50(1/60)s - 1/100,000 s
Lens	2.8-12mm lens @ F1.4 Angle of View: 105.2°~ 31.9°
Day & Night	Support IR-CUT
IR Distance	Upto 30Mtr
Synchronization way	Internal synchronization
Video Output	1Vp-p Composite Output(75/BNC)
S/N Ratio	> 48dB
Compression	
Video Compression	H.264 Main Profile, JPEG Capture
Video Bite Rate	32 Kbps~8Mbps
Image	
Max. Resolution	1920*1080
Frame Rate	50Hz:25fps (1920*1080), 30fps (1920*1080)

Network Function	
Storage	Support network storage
Intelligent Alarm	Motion detect, Video loss, Network disconnection, IP address conflict
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS, PPPoE, SMTP,NTP,RTSP (HTTPS,SIP ,802.1x,IPv6 Optional)
Basic	Anti-flicker, Dual stream, Heartbeat, Password protection
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet interface
Video Output	1Vp-p Composite Output(75Ω/BNC)
General	
Operating Condition	-10°C~60°C, Humidity 90% or less(non-condensing)
Power Supply	DC12V±10%, POE Support
Power Consumption	Max 5.5 W(7.5W with ICRon)
Weight	1200 g
Ingress Protection Level	IP66

Model : OP - W2008

Feature:

- 1/3" Progressive Scan CMOS
- Up to 2.0MP resolution, real-time image,
- Low illumination,0.014 lux@(F1.4, AGC ON)
- H.264 main profile compression
- Support IR-CUT filter switch to achieve day and night monitoring
- Support motion detection and sending mail alert automatically
- Support smart mobile and network Surveillance
- Support network user management
- Compatible with ONVIF standard, Support PoE , WDR
- Support real-time remote monitoring, playback and downloading



Specification:

Model	OPTiS W2008
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Signal System	PAL/NTSC
Effective Resolution	1920×1080
Min. Illumination	Color :0.014lux @F1.4 0 lux with IR
Electronic Shutter	1/50(1/60)s - 1/100,000 s
Lens	2.8-12mm lens @ F1.4 Angle of View: 105.2°~ 31.9°
Day & Night	Support IR-CUT
IR Distance	78PCS IR LED, 50Meter IR Distance
Synchronization way	Internal synchronization
Video Output	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 48dB
Compression	
Video Compression	H.264 Main Profile, JPEG Capture
Video Bite Rate	32 Kbps~8Mbps
Image	
Max. Resolution	1920*1080
Frame Rate	50Hz:25fps (1920*1080), 30fps (1920*1080)

Network Function	
Storage	Support network storage
Intelligent Alarm	Motion detect, Video loss, Network disconnection, IP address conflict
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS, PPPoE, SMTP,NTP,RTSP (HTTPS,SIP ,802.1x,IPv6 Optional)
Basic	Anti-flicker, Dual stream, Heartbeat, Password protection
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet interface
Video Output	1Vp-p Composite Output(75Ω/BNC)
General	
Operating Condition	-10°C~60°C, Humidity 90% or less(non-condensing)
Power Supply	DC12V±10%, POE Support
Power Consumption	Max 5.5W (7.5W with ICRon)
Weight	1200g
Ingress Protection Level	IP66

Model: OP-IPCT20-W2008

Feature:

- 1/3" Progressive Scan CMOS
- Up to 1.3MP resolution, real-time image
- Low illumination, 0.014 lux@(F1.4, AGC ON)
- H.264 main profile compression
- Support IR-CUT filter switch to achieve day and night monitoring
- Support motion detection and sending mail alert automatically
- Support smart mobile and network Surveillance
- Support network user management,
- Compatible with ONVIF standard, Support PoE, WDR
- Support real-time remote monitoring, playback and downloading;



Specification:

Model	OPTiS OP-W1008
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Signal System	PAL/NTSC
Effective Resolution	1280x960
Min. Illumination	0.014lux @F1.4 0 lux with IR
Electronic Shutter	1/50(1/60)s - 1/100,000 s
Lens	2.8-12mm lens @F1.4, AOV : 80°~ 28.7°
Day & Night	Support IR-CUT
IR Distance	42PCS IR LED, 40Meter IR Distance
Synchronization way	Internal synchronization
Video Output	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 48dB
Compression	
Video Compression	H.264 Main Profile, JPEG Capture
Video Bite Rate	32 Kbps~8Mbps
Image	
Max. Resolution	1280 x 960
Frame Rate	50Hz: 25fps (1280 x 720) 30fps (1280*920)

Network Function	
Storage	Support network storage
Intelligent Alarm	Motion detect, Video loss, Network disconnection, IP address conflict
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS, PPPoE, SMTP,NTP,RTSP
	(HTTPS,SIP ,802.1x,IPv6 Optional)
Basic	Anti-flicker, Dual stream, Heartbeat, Password protection
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet interface
Video Output	1Vp-p Composite Output(75Ω/BNC)
General	
Operating Condition	-10°C~60°C, Humidity 90% or less(non-condensing)
Power Supply	DC12V ± 10%, POE Support
Power Consumption	Max 5.5 W(7.5W with ICRon)
Weight	1200 g
Ingress Protection Level	IP66