



◆ SPECIFICATION

Model NO.	IPRGMDN20HHF200	IPRGMDN20HHL200	IPRGMDN20HL200	IPRGMDN20HP200
<b>Camera</b>				
Image Sensor	1/2.9" Full HD CMOS Sensor	1/2.8" SONY Starvis Back-illuminated CMOS Sensor	1/2.8" SONY Starvis Back-illuminated CMOS Sensor	1/2.8" SONY Starvis Back-illuminated CMOS Sensor
Resolution	2MP 1080P	2MP 1080P	2MP 1080P	2MP 1080P
Effective Pixels	1920(H)*1080(V)	1945(H)*1097(V)	1945(H)*1097(V)	1945(H)*1097(V)
Compression	H.264/H.265/JPEG/AVI /MJPEG	H.264/H.264+/H.265/H.265+/ JPEG/AVI /MJPEG	H.264/H.264+/H.265/H.265+/ JPEG/AVI /MJPEG	H.264/H.264+/H.265/H.265+/ JPEG/AVI /MJPEG
TV System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec			
Minimum Illumination	0.01Lux	0.005Lux	0.005Lux	0.002Lux
S/N Ratio	≥52dB	≥52dB	≥52dB	≥52dB
Scanning System	Progressive	Progressive	Progressive	Progressive
Video Output	Network	Network	Network	Network
Reset Button	Optional	Optional	Optional	Optional
<b>Lens</b>				
Focus Length	Board Lens 3.6mm	Board Lens 3.6mm	Board Lens 3.6mm	Board Lens 3.6mm
Focus Control	Fixed	Fixed	Fixed	Fixed
Lens Type	Fixed	Fixed	Fixed	Fixed
Pixels	2M	2M	2M	2M
<b>Night Vision</b>				
Infrared LED	14μ x 12PCS	14μ x 12PCS	14μ x 12PCS	14μ x 12PCS
Infrared Distance	20M	20M	20M	20M
IR Status	Auto Control	Auto Control	Auto Control	Auto Control
IR Power On	Auto Control	Auto Control	Auto Control	Auto Control
<b>Network</b>				
Ethernet	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)
Wireless	/	/	/	/
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP			
ONVIF	Support ONVIF 2.4	Support ONVIF 2.4	Support ONVIF 2.4	Support ONVIF 2.4
P2P	YES, Support QR Code	YES, Support QR Code	YES, Support QR Code	YES, Support QR Code

POE	Optional, Support IEEE 802.3af	Optional, Support IEEE 802.3af	Optional, Support IEEE 802.3af	Optional, Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)	0.3S (Within the Lan)	0.3S (Within the Lan)	0.3S (Within the Lan)
Main Stream 1	2304*1296@20fps	2304*1296@20fps	2048*1536@15fps	2048*1536@15fps
Main Stream 2	1920*1080@30fps	1920*1080@30fps	1920*1080@30fps	1920*1080@30fps
Main Stream 3	1280*720@30fps	1280*720@30fps	1280*720@30fps	1280*720@30fps
Sub Stream 1	720*480@20fps 720*480@30fps	720*480@20fps 720*480@30fps	720*480@15fps 720*480@30fps	720*480@15fps 720*480@30fps
Sub Stream 2	/	/	/	/
Sub Stream 3	/	/	/	/
Tri Stream	/	352*288@20fps 352*288@30fps	352*288@15fps 352*288@30fps	352*288@15fps 352*288@30fps
IE Brower	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53), Mac Safari(lower than version 12)			
Smart Phone	iPhone, iPad, Android, Android Pad	iPhone, iPad, Android, Android Pad	iPhone, iPad, Android, Android Pad	iPhone, iPad, Android, Android Pad
<b>Camera Features</b>				
Day/Night	Color/ B&W (IR-CUT )	Color/ B&W (IR-CUT )	Color/ B&W (IR-CUT )	Color/ B&W (IR-CUT )
Intelligence function	/	/	/	/
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering
Full Starlight	/	/	/	/
Corridor Pattern	Support	Support	Support	Support
Defog Mode	Support	Support	Support	Support
ROI	Support	Support	Support	Support
BLC	Support	Support	Support	Support
HDR	/	/	/	/
WDR	DWDR: 50dB	DWDR: 50dB	WDR: 96dB	WDR: 96dB
Motion Detection	Support	Support	Support	Support
Privacy Masking	3 Rectangular Zone	3 Rectangular Zone	3 Rectangular Zone	3 Rectangular Zone
Recording Mode	NVR/CMS/Web	NVR/CMS/Web	NVR/CMS/Web	NVR/CMS/Web
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian, Nederlands, Czech, Vietnamese			
<b>Interface</b>				
Audio	Optional	Optional	Optional	Optional
Alarm	/	/	/	/
SD Card Slot	Optional, Support Max 512GB	Optional, Support Max 512GB	Optional, Support Max 512GB	Optional, Support Max 512GB
RS485	/	/	/	/
<b>General</b>				
Housing	IP66	IP66	IP66	IP66
Anti-cut Bracket	NO	NO	NO	NO

IR Cut Filter	YES	YES	YES	YES
Operation Temperature	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%,650mA	DC12V±10%,650mA	DC12V±10%,650mA	DC12V±10%,650mA
Dimension	∅ 110 x 76(H) mm	∅ 110 x 76(H) mm	∅ 110 x 76(H) mm	∅ 110 x 76(H) mm
Weight	450g	450g	450g	450g

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