



◆ SPECIFICATION

Model NO.	IPRGMSU20HS500	IPRGMSU20FE500
Camera		
Image Sensor	1/2.8" SONY Starvis Back-illuminated CMOS Sensor	1/2.5" High-resolution CMOS Sensor
Resolution	5MP	5MP
Effective Pixels	2616(H)*1964(V)	2608(H)*1952(V)
Compression	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
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
Minimun Illumination	0.01Lux	0.01Lux
S/N Ratio	≥52dB	≥52dB
Scanning System	Progressive	Progressive
Video Output	Network	Network
Reset Button	Optional	Optional
Lens		
Focus Length	Board Lens 3.6mm	Board Lens 3.6mm
Focus Control	Fixed	Fixed
Lens Type	Fixed	Fixed
Pixels	4M	4M
Night Vision		
Infrared LED	14μ x 18PCS	14μ x 18PCS
Infrared Distance	20m	20m
IR Status	Auto Control	Auto Control
IR Power On	Auto Control	Auto Control
Network		
Ethernet	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	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS, RTP,RTSP,RTCP,NTP,SMTP
ONVIF	Support ONVIF 2.4	Support ONVIF 2.4
P2P	YES, Support QR Code	YES, Support QR Code
POE	Optional/Internal, Support IEEE 802.3af	Optional/Internal, Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)	0.3S (Within the Lan)
Main Stream 1	2592*1944@20fp 2560*1920@20fp	2592*1944@20fp 2560*1920@20fp

Main Stream 2	2560*1440@25fp	2560*1440@25fp
Main Stream 3	1920*1080@30fps 1280*720@30fps	1920*1080@30fps 1280*720@30fps
Sub Stream 1	720*480@15fps 720*480@30fps	720*480@15fps 720*480@30fps
Sub Stream 2	/	/
Sub Stream 3	/	/
Tri Stream	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)	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

Camera Features

Day/Night	Color/ B&W (IR-CUT)	Color/ B&W (IR-CUT)
Image Config	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)
Full Starlight	/	/
Corridor Pattern	Support	Support
Defog Mode	Support	/
ROI	Support	/
BLC	Support	Support
HDR	/	/
WDR	DWDR: 50dB	DWDR: 50dB
Motion Detection	Support	Support
Privacy Masking	3 Rectangular Zone	3 Rectangular Zone
Recording Mode	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	

Interface

Audio	Optional	Optional
Alarm	/	/
SD Card Slot	Optional, Support Max 512GB	Optional, Support Max 512GB
RS485	/	/

General

Housing	IP66	IP66
Anti-cut Bracket	NO	NO
IR Cut Filter	YES	YES
Operation Temperature	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max	-20℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%,750mA	DC12V±10%,750mA
Dimension	∅ 93 x 74(H) mm	∅ 93 x 74(H) mm
Weight	400g	400g

RGM Digital

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