



Cod.1099/650

IP 12M, IR Fisheye dome camera

TECHNICAL FEATURES

- Up to 4000×3072@20fps
- S+265/H.265/H.264/M-JPEG
- Support Ceiling, Wall, Table Mounting
- Support Hardware Decoding and Software Decoding
- Support 360° Panaromic View, 180° Panaromic View, 4PTZ, Fisheye+3PTZ Mode
- Support Human/Vehicle Classification
- Built-in Mic&Speaker
- Smart IR, IR Range: 20m
- Operating Conditions -35°C~65°C, 0~95%RH
- POE, IP66, IK10



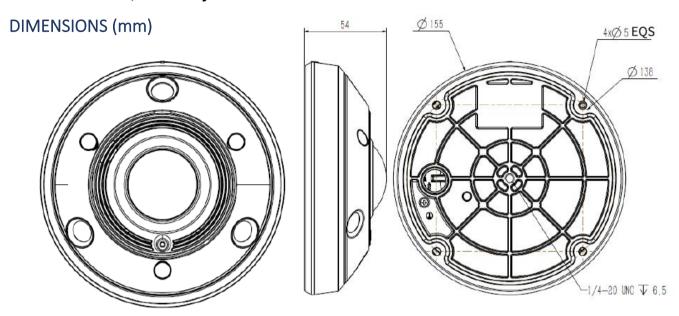
Camera	
Image Sensor	1/1.7" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.05Lux@ (F2.8, ACG ON), B/W: 0Lux with IR
Shutter Time	1s to 1/100,000s
Day & Night	Dual IR Cut Filter with Auto Switch
Wide Dynamic Range	Digital WDR
Lens	
Lens Type	Fixed
Focus	1.98mm
Lens Mount	M12
Aperture	F2.8, Fixed
FOV	Horizontal field of view: 180°
Illuminator	
IR LEDs	3
IR Range	Up to 20m
Wavelength	850nm
White/Warmlight LEDs	3
Compression Standard	
Video Compression	S+265/H.265/H.264/M-JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM/AAC
Audio Bit Rate	OV AOVIGE -
Audio bit Rate	8K~48Kbps
Image	8K~48KDps
	4000x3072
Image	
Image Max. Resolution	4000x3072
Image Max. Resolution	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576)
Image Max. Resolution Main Stream	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480)
Image Max. Resolution Main Stream Sub Stream Third Stream	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD Picture Overlay	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions Yes
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD Picture Overlay Privacy Mask	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions Yes Yes
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD Picture Overlay Privacy Mask Smart Defog	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions Yes Yes
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD Picture Overlay Privacy Mask Smart Defog Feature	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions Yes Yes Yes Yes Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD Picture Overlay Privacy Mask Smart Defog Feature Alarm Trigger	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions Yes Yes Yes Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD Picture Overlay Privacy Mask Smart Defog Feature Alarm Trigger Video Analytics	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions Yes Yes Yes Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception Tripwire, Double Tripwire, Perimeter, Video Abnormal, Audio Abnormal, Heat Map
Image Max. Resolution Main Stream Sub Stream Third Stream Image Setting Image Enhancement ROI OSD Picture Overlay Privacy Mask Smart Defog Feature Alarm Trigger Video Analytics Early Warning(EW)	4000x3072 PAL: 20fps (4000x3072), 25fps (3072x3072, 2560x2560) 20fps (720x720, 704x576) NTSC: 20fps (4000x3072), 30fps (3072x3072, 2560x2560) 20fps (720x720, 704x480) PAL: 25fps (704×576, 704×288, 352×288) NTSC: 30fps (704×480, 704×240, 352×240) N/A Saturation, brightness, contrast, sharpness, adjustable by client software or web browser BLC/3D DNR/HLC Support 7 fixed regions of coding 16×16, 24×24, 32×32, 48×48, 64x64, 96x96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions Yes Yes Yes Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception Tripwire, Double Tripwire, Perimeter, Video Abnormal, Audio Abnormal, Heat Map Yes



Network	
ANR	Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, PPP0E
System Compatibility	ONVIF (PROFILE S), SDK, CGI, P2P
Remote Connection	7
Client	Neius Control
Web Version	Web5
Interface	
Communication Interface	1 RJ45 10M/ 100M self adaptive Ethernet port
Audio	1/2, Mic in
Alarm	2/1
Reset Button	Yes
On-board storage	Built-in Micro SD card slot, up to 128 GB
General	
Firmware Version	NVSS_V9.1.0.20170206
Web Client Language	11 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish
Operating Conditions	-35°C ~ 65°C, 0 ~ 95% RH
Power Supply	DC12V±10%/AC24V±25%/PoE
Power Consumption	8.6W/11.7W(MAX)
Protection	IP66, IK10
Heater	N/A
Dimensions	Ø155×54mm
Weight	0.75kg



1099/650 IP 12M, IR Fisheye dome camera



ACCESSORIES



3000/132 Junction box

Le specifiche tecniche sono soggette a variazioni senza preavviso.

