# LINOVISION

# **GO PTZ M4**

4G LTE Solar Power Camera Kit with 4MP Mini PT Dome Camera



#### **Outstanding Features**

- Complete solar power camera kit, easy to install and setup
- 600Wh high capacity lithium battery to keep the system running around 72 hrs on rainy days
- Built-in unlocked industrial 4G LTE router, compatible with AT&T, T-Mobile, and Verizon (SIM Card is not included)
- Focuses on human and vehicle targets classification based on deep learning
- Face capture: automatic selection of best shot; up to 5 faces detected and captured at the same time
- Linked audible and visual alarm. Built-in microphone and speaker
- Up to 2560 × 1440 @ 30 fps
- Min. illumination: Color: 0.0005 Lux @ (F1.0, AGC ON); 0 Lux with white light
- 24/7 colorful imaging with low power consumption. Up to 30 m white light distance
- 120 dB WDR, 3D DNR, HLC
- Onboard 256GB storage for one-month continuous recording
- Free mobile App for both Android & iOS (App name: Guarding Vision)
- Optional API document for 3rd party system integration

#### What is included in this camera:

- Solar panel 100W and pole mount bracket
- 600WH lithium battery with built-in charge controller
- One 4MP Mini PT Dome Camera (PTZ M4)
- Built-in 4G LTE cellular router (SIM card needs to purchase separately)
- 256GB SD Card



### **Camera Specification**

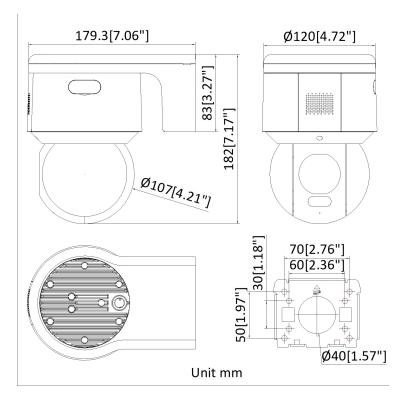
Image Serior   17.6   progressive scan CMOS   Mini Illumination   Codior 1.000 (but @CFI 0.0 AC ON); 0   Lux with white light	Camera	
Shutter Speed	Image Sensor	1/1.8" progressive scan CMOS
Shutter Speed         17 to 170 0000 a           Ope & Night         247 colorful maging           Zoom         16x digital           More Resolution         260 - 1440           Eones         Formation of Control (Control of March)           FOV         Horizontal field of view 88.7°           FOV         Ventual field of view 46.3°           Supplement Light Type         Supplement Light Type           Supplement Light Type         White Light Distance up to 30 m           FOV         White Light Distance up to 30 m           FOR         Pan speed configurable from 0.1' to 60'rs, preset speed 40'rs           Fill Speed         This speed configurable from 0.1' to 60'rs, preset speed 30'rs           Forest Speed         This speed configurable from 0.1' to 50'rs, preset speed 30'rs           Forest Speed         This speed         This speed configurable from 0.1' to 50'rs, preset speed 30'rs           Forest Speed         Yes         Pan speed configurable from 0.1' to 50'rs, preset speed 30'rs           Forest Speed         Yes         Pan speed configurable from 0.1' to 50'rs, preset s	Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON); 0 Lux with white light
Day & Night         207 colorful imaging           Xoom         16x digital           Max. Realoutton         256 x 1440           Leang         Frocal Length           FOV         Vertical field of view. 68.7           FOV         Vertical field of view. 68.7           Lostnuth         F10           Blennisher         F10           Supplement Light Range         White Light Distance: up to 30 m           Vertical Field of View. 68.7         White Light Distance: up to 30 m           Womener Range (Par)         Movement Range (Par)           Movement Range (Par)         Movement Range (Par)           Movement Range (Par)         Pan Speed: configurable from 0.1* to 60°s, preset speed. 60°s           Fan Speed         Tilt speed: configurable from 0.1* to 50°s, preset speed. 50°s           Fan Speed         Tilt speed: configurable from 0.1* to 50°s, preset speed. 50°s           Frosts         300           Power-off Memory         Yes           Frosts frosting         Yes           Frost Foreit Foreit         Yes           Sub-Stream         50 Hz; 25 for 2560 * 1440, 1920 * 1980, 1280 * 720, 1280 * 720;           Main Stream         50 Hz; 25 for 2560 * 1440, 1920 * 1080, 1280 * 720, 720 * 576, 640 * 480, 352 × 2880;           Sub-Stream         50 Hz; 25 fo	Shutter Speed	1/1 to 1/30,000 s
Zoom         16 digital           Kens Resolution         2500 * 1440           Lens         Foot         Henrizontal field of view: 68.7*           Foot Length         4 mm         Foot           Aperture         F10         Ventcal field of view: 68.5*         Designation of the common of the co	·	
Max. Resolution         250 × 1440           Incres         Foot Length         4 mm           FOV         Vertical field of view. 68.7"           FOV         Vertical field of view. 68.0"         Diagonal field of view. 10.0"           Aperture         F1.0         Portical field of view. 10.0"           Illuminator         Supplement Light Type         White Light           Supplement Light Type         White Light         White Light           Wormmor Range (Final)         70° or 90°           Movement Range (Final)         70° or 90°           Movement Range (Final)         70° or 90°           Movement Range (Final)         70° or 90°           Para Speed         71° taped: configurable from 0.1" to 50°/s, preset speed 50°/s           Till Speed         71° taped: configurable from 0.1" to 50°/s, preset speed 50°/s           Propertion (File Memory)         76°           Propertion (File Memory)<		
Force   Length		
Faceal Lengthh         4 mm           Horizontal field of view. 88.7°           FOV         Vertical field of view. 10.0°           Aperture         F1.0           More Transport         F1.0           Supplement Light Type         With E Light           Supplement Light Type         With E Light           Wovement Range (Plan)         300°           Movement Range (Plan)         70°           Movement Range (Plan)         70°         70°           Movement Range (Plan)         70°         70°           Movement Range (Plan)         70°         70°         70°           Movement Range (Plan)         70°         70°         70°         70°         70°           Movement Range (Plan)         70°         70°         70°         70°         70°         70°         70°         70°         <		2000 1440
Horizontal field of view. 46.5"   Diagonal field of view. 46		4 mm
FOV         wetcal field of view. 46.5° bigonal field of view. 108.0°           Aperture         FID           Bigonal field of view. 108.0°           Aperture         FID           Williamstor           Supplement Light Type         Supplement Light Type           PTZ         With Light Distance: up to 30 m           Movement Range (Filit)         70         70           Pan Speed         Pan Speed configurable from 0.1° to 607/s; preset speed: 607/s         71           Tilk Speed         Tilk speed configurable from 0.1° to 607/s; preset speed: 507/s         70           Presets         300         70           Power-off Memory         Yes         80           Power-off Memory         Yes         80           Preset Sang         300         70           Power-off Memory         Yes         80           Power-off Memory         Yes         80           Power-off Memory         Yes         80           Sark Action         30         70         80           Power-off Memory         Yes         80         90         720         90         90         90         90         90         90         90         90         90         90         90	r ocar Lerigeri	
Diagonal Field of view: 105.0°	FOV	
Aperture   FLO   Mine Light   Supplement Light   Type	FOV	
Winter Light Type   Supplement Light Range   Proceedings   Supplement Light Range   Proceedings   Supplement Light Range   Procedings   Supplement Light Range   Procedings   Supplement Range (Pan)   Supplement Range (Pa		·
Supplement Light Type         White Light Distance: up to 30 m           PTZ           Worment Range (Rin)         0" 0" 00 m           Pan Speed         Pan Speed         Pan Speed           Pan Speed         1" it's peed: configurable from 0.1" to 50"/s, preset speed 50"/s           Proportional Pan         Yes           Presets         300           Power-off Memory         Yes           Preset Freezing         Yes           Preset Freezing         Yes           Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Wideo         Yes           Main Stream         50 Hr. 25 fps (2560 * 1440, 1920 * 1080, 1280 * 960, 1280 * 720);           Sub-Stream         50 Hr. 25 fps (2560 * 1440, 1920 * 1080, 1280 * 960, 1280 * 720)           Sub-Stream         50 Hr. 25 fps (1024 * 80, 480, 352 * 288);           OHL 20 fps (1024 * 80), 604 * 480, 352 * 240)           Wideo Compression         60 Hr. 20 fps (1024 * 80), 604 * 480, 352 * 240)           Wideo Compression         80 Hr. 25 fps (1024 * 1080, 1280 * 960, 1280 * 720, 704 * 480, 640 * 480, 352 * 240)           Wideo Compression         80 Hr. 25 fps (1024 * 1080, 1280 * 960, 1280 * 720, 704 * 480, 640 * 480, 352 * 240)           Scalable Video Coding (Sor)         80 Hr. 25 fps (1024 * 1024 * 1024 * 1024 * 1024 * 1024 * 1024 * 1024 * 1024 * 1024 * 102		F1.0
White Light Distance: up to 30 m   PTZ		luna de la constanta de la con
PTZ		•
Movement Range (Pan)         350"           Wordman Range (Time)         7 to 90"           Pan Speed         11" to 90"           Pan Speed         11" to 40" speed: configurable from 0.1" to 50"/s, preset speed: 60"/s           Fresets         300           Proportional Pan         Yes           Power-off Memory         Yes           Park Action         Preset, patrol scan           300 Positioning         Yes           Scheduled Tax         Preset, patrol scan, dome reboot, dome adjust, aux output           Video		White Light Distance: up to 30 m
Movement Range (Till)         0" to 90"           Pan Speed         Pan Speed: configurable from 0.1" to 60"/s; preset speed 50"/s           Tilk Speed         1" speed: configurable from 0.1" to 50"/s, preset speed 50"/s           Proportional Pan         Yes           Presetts         300           Power-off Memory         Yes           Special Common         Yes           Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Video         William Stream         60 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Sub-Stream         60 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Sub-Stream         60 Hz: 25 fps (1900 × 1804, 1920 × 1080, 1280 × 960, 1280 × 20);           Sub-Stream         60 Hz: 25 fps (1900 × 1804, 1920 × 1804,		0.00
Pan Speed         Pan speed: configurable from 0.1* to 607/s, preset speed 507/s           I'll Speed         I'll speed: configurable from 0.1* to 507/s, preset speed 507/s           Proportional Pan         Yes           Property         Yes           Prower-off Memory         Yes           Park Action         Preset, patrol scan           Do Positioning         Yes           Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Video         Video           Vision         50 Hz; 25 Fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Main Stream         50 Hz; 25 Fps (704 × 756, 640 × 480, 352 × 288);           50 Hz; 25 Fps (704 × 756, 640 × 480, 352 × 288);         50 Hz; 25 Fps (704 × 780, 640 × 480, 352 × 288);           60 Hz; 30 Fps (704 × 780, 640 × 480, 352 × 288);         60 Hz; 30 Fps (704 × 780, 640 × 480, 352 × 288);           Video Compression         60 Hz; 30 Fps (704 × 780, 640 × 480, 352 × 288);           Video Compression         60 Fps (7920 × 1080, 1280 × 790, 7240 × 720, 704 × 756, 640 × 480, 352 × 288);           Video Compression         7 Sps (794 × 780, 640 × 480, 352 × 280);           Video Compression         8 fixed regions of ps (792 × 1080, 1280 × 720, 720, 744 × 756, 640 × 480, 352 × 280);           Scalable Video Coding         8 fixed regions of reach stream           Audio Compression<		
Tilk Speed         Tilk speed: configurable from 0.1" to 50"s, preset speed 50"s           Presets         300           Power-off Memory         Yes           3D Positioning         Yes           Preset Action         Preset, patrol scan           3D Positioning         Yes           Scheduld Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Video         Wes           Main Stream         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Main Stream         50 Hz: 25 fps (1704 × 576, 640 × 480, 352 × 288);           Sub-Stream         50 Hz: 25 fps (1702 × 1880, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);           Third Stream         50Hz: 25 fps (1702 × 1880, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);           Third Stream         50Hz: 25 fps (1702 × 1880, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);           Video Compression         50Hz: 25 fps (1702 × 1880, 1280 × 960, 1280 × 720, 704 × 480, 430, 352 × 288);           Video Compression         40Hz: 30 fps (1702 × 1880, 1280 × 960, 1280 × 720, 704 × 480, 430, 352 × 288);           Scalable Video Coding         8 fixed regions for each stream           Scalable Video Coding         8 fixed regions for each stream           Scalable Video Coding         8 fixed regions for each stream           Region Interess (ROI		
Proportional Pam         Yes           Presetts         30           Power-off Memory         Yes           Park Action         Preset, patrol scan           30 Positioning         Yes           Preset, Freezing         Yes           Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Video         Video           Wall Stream         50 Hz; 25 fps (2550 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)           Main Stream         50 Hz; 25 fps (1925 × 640 × 480, 352 × 288);         40 Hz; 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);           Sub-Stream         50 Hz; 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 240)           Video Compression         50 Hz; 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Video Compression         Main stream; Hz 65H; 1265H; 1264H; 1264           Kill Stream         4264 and Hz 65 encoding           (SVC)         8 fixed regions for each stream           Audio         4 compression         6 fixed regions for each stream           Audio         7 compression         6 fixed regions for each stream           Audio         8 fixed regions for each stream           Audio         8 fixed regions for each stream           Audio		
Presets         300           Power-off Memory         Yes           Power-off Memory         Yes           Power-off Memory         Yes           Postlorioning         Yes           Preset Frezing         Yes           Scheduld Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Video         Vermout           Main Stream         50 Hz. 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Sub-Stream         50 Hz. 25 fps (1920 × 1080, 1280 × 960, 1280 × 960, 1280 × 720);           Sub-Stream         50 Hz. 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 776, 640 × 480, 352 × 288);           Office Stream         50 Hz. 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Wideo Compression         Amistream: Hz.265/Hz.264/MJPEG           Scalable Video Coding (SVC)         B fixed regions for each stream           Audio Compression         6.711 slaw, G.711 ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise Pittering         7           Protocols         Power All Protocols           API         ASA Pilk-Nikision SDK, Hill-Kilk-Connect, Open Network Video interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Hota         Qub, 10 23 users. 3 levels. Administrator,		, , ,
Power-Off Memory         Yes           Perk Action         Preset, patrol scan           3D Positioning         Yes           Preset Freezing         Yes           Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Wide         Wide           Wide         Wide           Wishin Stream         50 Hz; 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz; 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)           Sub-Stream         50 Hz; 25 fps (1940 × 180, 640 × 480, 352 × 288); 60 Hz; 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 816, 640 × 480, 352 × 248); 60 Hz; 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 816, 640 × 480, 352 × 240)           Video Compression         Sub-stream Hz,265 Hz,264/HJPEG           Video Compression         Hz,264 and Hz,265 encoding           (SVC)         Region of Interest (RO)         4264 and Hz,265 encoding           Region of Interest (RO)         As of regions of reach stream           Audio Compression         G.711alaw, G.711alaw, G.721, G.726, MP2L2, AAC, PCM           Environment Roise Filtering         NA S (NFS, SMB/ CIFS)           Network         NAS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         Injection of Privaline, Hilbrickins Disk, Hilbrickins Disk, Hilbrickins Disk, Hilbrickins Disk, Hilbrickins Disk, Hilbrickins D	Proportional Pan	Yes
Park Action         Preset, patrol scan           3D Positioning         Yes           Preset Freezing         Yes           Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Video         Video           Main Stream         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (1704 × 88, 660 × 480, 352 × 288)           Sub-Stream         50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)           Abort: 30 fps (1704 × 480, 660 × 480, 352 × 240)           Main stream: H256Fir2456FH264FH266F           Video Compression         Sibritizes (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 240)           Video Compression         H264 and H.256 Fire (1947 × 1060)         1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Video Compression         H264 and H.256 Fire (1947 × 1060)         1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Video Compression         H264 and H.256 Fire (1947 × 1060)         1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Video Compression         Fire (1920 × 1060)         1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Audio         Simultane (1820 × 1060)         1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Video Compression         Fire (1920 × 1060)         1280 × 720, 704 × 480, 640 × 480	Presets	300
Preset Freezing	Power-off Memory	Yes
Present part of scant, dome reboot, dome adjust, aux output           Video           Wain Stream         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Sub-Stream         50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);           Sub-Stream         50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 288);           60 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)           Main stream: H265H/1265H/1264H/1264           Video Compression         Main stream: H265H/1264H/1264           Sub-stream: H265H/1264H/MPEG           Scalable Video Coding (SVC)         R1264 and H265 encoding           Region of Interest (R0)         8 fixed regions for each stream           Audio Compression         6.711alaw, G.711alaw, G.7221, G.726, MP2L2, AAC, PCM           Environment Noise Filtering         yes           Filtering         Yes           Network Storage         NAS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Simultaneous Live View         Up 10 20 channels           User/Host         User/Host         Up 20 channels           Sceurity         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access,	Park Action	Preset, patrol scan
Present part of scant, dome reboot, dome adjust, aux output           Video           Wain Stream         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Sub-Stream         50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);           Sub-Stream         50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 288);           60 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)           Main stream: H265H/1265H/1264H/1264           Video Compression         Main stream: H265H/1264H/1264           Sub-stream: H265H/1264H/MPEG           Scalable Video Coding (SVC)         R1264 and H265 encoding           Region of Interest (R0)         8 fixed regions for each stream           Audio Compression         6.711alaw, G.711alaw, G.7221, G.726, MP2L2, AAC, PCM           Environment Noise Filtering         yes           Filtering         Yes           Network Storage         NAS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Simultaneous Live View         Up 10 20 channels           User/Host         User/Host         Up 20 channels           Sceurity         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access,	3D Positioning	Yes
Scheduled Task         Preset, patrol scan, dome reboot, dome adjust, aux output           Video         Video           Wain Stream         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (704 × 480, 460 × 480, 352 × 288);           60 Hz: 30 fps (704 × 480, 460 × 480, 352 × 280)           70 Hzird Stream         60 Hz: 30 fps (704 × 480, 460 × 480, 352 × 280)           80 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)           80 Hzird Stream: Hz.265Hz.1264Hz.1264Hz.1264           80 Hzird Stream: Hz.265Hz.264Hz.1264Hz.1264           80 Hzird Stream: Hz.265Hz.1264Hz.1264Hz.1264           80 Hzird Stream: Hz.265Hz.1264Hz.1264Hz.1264 <td></td> <td>Yes</td>		Yes
Video         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 900, 1280 × 720);           Main Stream         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 900, 1280 × 720);           Sub-Stream         50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 800, 640 × 480, 352 × 240)           Third Stream         50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Main stream: H265H; H265H; H264H; H264           Video Coding         Mind stream: H265H; H264H; H264           (SVC)         H264 and H265 encoding           (SVC)         Mind stream: H265H; H264H; H264           Audio Compression         G 711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise         Yes           Filtering         Yes           Network         Yes           Network Storage         NAS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Simultaneous Live View         IPA/IPA6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SMMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPDF, SCurliy           Vaber Protection         ISAPI, Hilvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 chan	•	
Main Stream         50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);           Sub-Stream         50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 380, 640 × 480, 352 × 240)           Third Stream         50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 240)           Video Compression         Main stream: H.265/H.265/H.2644/H.264           Video Compression         L.264 and H.265 encoding           (Scalable Video Coding (SVC)         8 fixed regions for each stream           (SVC)         8 fixed regions for each stream           Audio Compression         6 7.11alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise (Filtering         7 response of the stream		, ,, ,, ,, ,,, ,, ,, ,,,,
Main Stream         60 Hz: 30 Fps (2566 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)           Sub-Stream         50 Hz: 25 Fps (704 × 576, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)           Third Stream         50Hz: 25 Fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 240)           Wideo Compression         Main stream: H.265+/H.265/H.264/HJPEG           Scalable Video Coding         Sub-stream: H.265-/H.264/MJPEG           Scalable Video Coding         8 fixed regions for each stream           Audio         Third Stream: H.265-/H.264/MJPEG           Scalable Video Coding         8 fixed regions for each stream           Audio Compression         6.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise         Yes           Filtering         Yes           Network         Yes           Network Storage         NAS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         Bp-4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPDE, Bonjour, Websocket, Websockets           API         ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           User/Host         Up to 20 channels           User/Host         Up to 20 channels <td></td> <td>50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720):</td>		50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720):
Sub-Stream         50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);           60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)           Third Stream         50 Hz: 25 fps (7920 × 1080, 1280 × 60, 1280 × 720, 704 × 576, 640 × 480, 352 × 240)           Video Compression         Main stream: H.265 H.264 H.166           Scalable Video Coding (SVC)         L264 and H.265 encoding           Region of Interest (ROI)         8 fixed regions for each stream           Audio Compression         6711 alaw, G.711 ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Filtering         79           Audio Compression         G.711 alaw, G.711 ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Filtering         79           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPDE, Bonjour, Websocket, Websockets           API         ISAP, Hilkvision SDK, Hilk-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Up to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         E1 1+, Chrome 57+, Firefox 52+, Safari 12+	Main Stream	
Sub-Stream         60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)           Third Stream         50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 28);           OHZ: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)           Wideo Compression         Main stream: H.265+H.265/H.264/MJPEG           Scalable Video Coding (SVC)         H.264 and H.265 encoding           Region of Interest (ROI)         8 fixed regions for each stream           Audio Compression         G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise Filtering         Yes           Network Storage         NAS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPV4/IPV6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPP6, Bonjour, Websocket, Websockets           API         ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Up to 32 users, 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         IE 10+, Chrome 57+, Firefox 52+, Safari 12+           Image Enhancement <t< td=""><td></td><td></td></t<>		
Third Stream         50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 240)           Video Compression         Almi stream: L265/H2264/MJPEG           Scalable Video Coding (SVC)         Sub-stream: H.265/H2264/MJPEG           Region of Interest (ROI)         8 fixed regions for each stream           Audio         Audio           Audio         Five properties           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         Polylop, H. Hitwision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         10 to 10 to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         E 10+, cnrome 57+, Firefox 52+, Safari 12+           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         Qub BWDR           Regional Exposure         Yes           Image Parameters Switch         Yes           Privacy Mask         Up to 24 masks (8 masks for each scene)	Sub-Stream	
Iniral Stream		·
Main stream: H.265/H.264/H.264   Sub-stream: H.265/H.264/H.DEG   Sub-stream: H.265/H.264/H.DEG   Sub-stream: H.265/H.264/H.DEG   Scalable Video Coding   (SVC)   R.264 and H.265 encoding   (SVC)   8 fixed regions for each stream   Audionamic Compression   G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM   Environment Noise   Filtering   Pesting Sub-stream	Third Stream	
Video Compression         Sub-stream: H.265/H.264/MJPEG           Scalable Video Coding (SVC)         H.264 and H.265 encoding           Region of Interest (ROI)         8 fixed regions for each stream           Audio         Third stream: H.265/H.264/MJPEG           Audio Compression         6.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise Filtering         personal Provision (S.715)           Network         NS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         [Pv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPDE, Bonjour, Websocket, Websockets           API         ISAPI, Hikivision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Up to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         Iz 10+, Chrome 57+, Firefox 52+, Safari 12+           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         Digital defog           Regional Exposure         Yes           Image Parameters Switch         Yes		
Scalable Video Coding (SVC)         H.264 and H.265 encoding           Region of Interest (ROI)         8 fixed regions for each stream           Audio         Audio Compression         G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise Filtering         Yes           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPV-4/IPV6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPP0E, Bonjour, Websocket, Websockets           API         ISAPI, Hikivision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 32 users. 3 levels: Administrator, Operator and User           Security         A uthenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browse         IE 10+, Chrome 57+, Firefox 52+, Safari 12+           Image         Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         Defog         Digital defog           Regional Exposure         Yes           Image Settings         Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser           Image Parameters Switch         Yes		
Scalable Video Coding (SVC)         R.1264 and H.265 encoding           Region of Interest (ROI)         8 fixed regions for each stream           Audio         Audio Compression         G.711alaw, G.712.1, G.726, MPZL2, AAC, PCM           Environment Noise Filtering         Ves           Proteoring         NAS (NFS, SMB/ CIFS)           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         Pow4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPDE, Bonjour, Websocket, Websockets           API         ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         It 10+, Chrome 57+, Firefox 52+, Safari 12+           BroapyNight Switch         Day, night, auto, scheduled-switch           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         Defon         Digital defon           Regional Exposure         Yes           Image Parameters         Yes           Image Parameters Switch         Yes           Image Parameters Switch         Yes	Video Compression	
Region of Interest (ROI)   8 fixed regions for each stream		Third stream: H.265/H.264/MJPEG
Region of Interest (ROI) 8 fixed regions for each stream Audio Compression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM Environment Noise Filtering Psession MAS (NFS, SMB/ CIFS) Network Network Storage Nacijur, Websocket, Websockets API ISAPI, Hilkvision SDK, Hilk-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP Simultaneous Live View Up to 20 channels Up to 20 channels User/Host Up to 32 users. 3 levels: Administrator, Operator and User Security Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter Web Browser IE 10+, Chrome 57+, Firefox 52+, Safari 12+ Image Day/Night Switch Day, night, auto, scheduled-switch Image Enhancement BLC, HLC, 3D DNR Wide Dynamic Range (WDR) Up 60 BWDR Defog Digital defog Regional Exposure Yes Image Parameters Switch Yes Privacy Mask (8 masks for each scene)	Scalable Video Coding	H 264 and H 265 according
Audio           Audio Compression         G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM           Environment Noise Environment Noise         Yes           Filtering         NEWORK           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPD6, Bonjour, Websocket, Websockets           API         ISAPI, Hikwision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 32 users, 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         IE 10+, Chrome 57+, Firefox 52+, Safari 12+           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         120 dB WDR           Wide Dynamic Range (WDR)         120 dB WDR           Defog         Digital defog           Regional Exposure         Yes           Image Settings         Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser           Image Parameters Switch         Yes           Privacy Mask         Up to 24 masks (8 masks for each scene)	(SVC)	n.zo4 and n.zo5 encoding
Audio Compression         G.711alaw, G.712.1, G.726, MP2L2, AAC, PCM           Environment Noise Filtering         Yes           Network         NEWORK           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPV4/IPV6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPD6E, Bonjour, Websocket, Websockets           API         ISAPI, Hikivision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Up to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         IE 10+, Chrome 57+, Firefox 52+, Safari 12+           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         Digital defog           Regional Exposure         Yes           Image Parameters Switch         Yes           Image Parameters Switch         Yes           Privacy Mask         Up to 24 masks (8 masks for each scene)	Region of Interest (ROI)	8 fixed regions for each stream
Environment Noise Filtering         Yes           Network         Network           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, Websocket, Websockets           API         ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Up to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         IE 10+, Chrome 57+, Firefox 52+, Safari 12+           Image         Day, night, auto, scheduled-switch           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         120 dB WDR           Defog         Digital defog           Regional Exposure         Yes           Image Settings         Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser           Image Parameters Switch         Yes           Privacy Mask         Up to 24 masks (8 masks for each scene)	Audio	
Filtering         Yes           Network         Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPDE, Bonjour, Websockett, Websockets           API         ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Up to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         IE 10+, Chrome 57+, Firefox 52+, Safari 12+           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         20 dB WDR           Defog         Digital defog           Regional Exposure         Yes           Image Parameters Switch         Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser           Image Parameters Switch         Yes           Privacy Mask         Up to 24 masks (8 masks for each scene)	Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM
Network Storage NAS (NFS, SMB/ CIFS) Protocols IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DPCP, Bonjour, Websocket, Websockets API ISAPI, Hilkvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile T), ISUP Simultaneous Live View Up to 20 channels User/Host Up to 32 users. 3 levels: Administrator, Operator and User Security Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter Web Browser IE 10+, Chrome 57+, Firefox 52+, Safari 12+ Image Image Parlancement BLC, HLC, 3D DNR Wide Dynamic Range (WDR) Defog Digital defog Regional Exposure Yes Image Settings Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser Image Parameters Switch Yes Privacy Mask Up to 24 masks (8 masks for each scene)	Environment Noise	v.
Network           Network Storage         NAS (NFS, SMB/ CIFS)           Protocols         IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPDE, Bonjour, Websocket, Websockets           API         ISAPI, Hilkvision SDK, Hilk-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP           Simultaneous Live View         Up to 20 channels           User/Host         Up to 32 users. 3 levels: Administrator, Operator and User           Security         Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter           Web Browser         IE 10+, Chrome 57+, Firefox 52+, Safari 12+           Image         Image           Day/Night Switch         Day, night, auto, scheduled-switch           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         20 dB WDR           Defog         Digital defog           Regional Exposure         Yes           Image Settings         Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser           Image Parameters Switch         Yes           Privacy Mask         Up to 24 masks (8 masks for each scene)	Filtering	Yes
Network Storage       NAS (NFS, SMB/ CIFS)         Protocols       IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DNNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPP0E, Bonjour, Websockets         API       ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP         Simultaneous Live View       Up to 20 channels         User/Host       Up to 32 users. 3 levels: Administrator, Operator and User         Security       Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter         Web Browser       IE 10+, Chrome 57+, Firefox 52+, Safari 12+         Image       Image Enhancement       BLC, HLC, 3D DNR         Wide Dynamic Range (WDR)       120 dB WDR         Uefog       Digital defog         Regional Exposure       Yes         Image Settings       Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser         Image Parameters Switch       Yes         Privacy Mask       Up to 24 masks (8 masks for each scene)		
Protocols    Pv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, Websocket, Websockets   API		NAS (NFS, SMB/ CIFS)
Bonjour, Websocket, Websockets  API ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP  Simultaneous Live View Up to 20 channels  User/Host Up to 32 users. 3 levels: Administrator, Operator and User  Security Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter  Web Browser IE 10+, Chrome 57+, Firefox 52+, Safari 12+  Image  Day/Night Switch Day, night, auto, scheduled-switch  Image Enhancement BLC, HLC, 3D DNR  Wide Dynamic Range (WDR)  Defog Digital defog  Regional Exposure Yes  Image Settings Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser  Image Parameters Switch Yes  Privacy Mask Up to 24 masks (8 masks for each scene)	<u> </u>	
API ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP  Simultaneous Live View Up to 20 channels User/Host Up to 32 users. 3 levels: Administrator, Operator and User  Security Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter Web Browser IE 10+, Chrome 57+, Firefox 52+, Safari 12+  Image  Day/Night Switch Day, night, auto, scheduled-switch Image Enhancement BLC, HLC, 3D DNR  Wide Dynamic Range (WDR)  Defog Digital defog  Regional Exposure Yes  Image Settings Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser  Privacy Mask Up to 24 masks (8 masks for each scene)	Protocols	
Simultaneous Live View       Up to 20 channels         User/Host       Up to 32 users. 3 levels: Administrator, Operator and User         Security       Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter         Web Browser       IE 10+, Chrome 57+, Firefox 52+, Safari 12+         Image       Image Enhancement         Wide Daynamic Range (WDR)       BLC, HLC, 3D DNR         Wide Dynamic Range (WDR)       120 dB WDR         Defog       Digital defog         Regional Exposure       Yes         Image Settings       Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser         Image Parameters Switch       Yes         Privacy Mask       Up to 24 masks (8 masks for each scene)	API	• 1
User/Host     Up to 32 users. 3 levels: Administrator, Operator and User       Security     Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter       Web Browser     IE 10+, Chrome 57+, Firefox 52+, Safari 12+       Image       Day/Night Switch     Day, night, auto, scheduled-switch       Image Enhancement     BLC, HLC, 3D DNR       Wide Dynamic Range (WDR)     120 dB WDR       Defog     Digital defog       Regional Exposure     Yes       Image Settings     Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser       Image Parameters Switch     Yes       Privacy Mask     Up to 24 masks (8 masks for each scene)		
Security       Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter         Web Browser       IE 10+, Chrome 57+, Firefox 52+, Safari 12+         Image       Image Sethancement         Wide Daynamic Range (WDR)       120 dB WDR         Defog       Digital defog         Regional Exposure       Yes         Image Settings       Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser         Image Parameters Switch       Yes         Privacy Mask       Up to 24 masks (8 masks for each scene)		·
Web Browser     IE 10+, Chrome 57+, Firefox 52+, Safari 12+       Image       Day/Night Switch     Day, night, auto, scheduled-switch       Image Enhancement     BLC, HLC, 3D DNR       Wide Dynamic Range (WDR)     120 dB WDR       Defog     Digital defog       Regional Exposure     Yes       Image Settings     Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser       Image Parameters Switch     Yes       Privacy Mask     Up to 24 masks (8 masks for each scene)		
Image           Day/Night Switch         Day, night, auto, scheduled-switch           Image Enhancement         BLC, HLC, 3D DNR           Wide Dynamic Range (WDR)         120 dB WDR           Defog         Digital defog           Regional Exposure         Yes           Image Settings         Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser           Image Parameters Switch         Yes           Privacy Mask         Up to 24 masks (8 masks for each scene)		
Day/Night Switch     Day, night, auto, scheduled-switch       Image Enhancement     BLC, HLC, 3D DNR       Wide Dynamic Range (WDR)     120 dB WDR       Defog     Digital defog       Regional Exposure     Yes       Image Settings     Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser       Image Parameters Switch     Yes       Privacy Mask     Up to 24 masks (8 masks for each scene)		IE 107, Ciliolite 377, Filetox 527, Salatt 127
Image Enhancement     BLC, HLC, 3D DNR       Wide Dynamic Range (WDR)     120 dB WDR       Defog     Digital defog       Regional Exposure     Yes       Image Settings     Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser       Image Parameters Switch     Yes       Privacy Mask     Up to 24 masks (8 masks for each scene)	_	Downstate was schooled with
Wide Dynamic Range (WDR)  120 dB WDR  Defog Digital defog  Regional Exposure Yes  Image Settings Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser  Image Parameters Switch Yes  Privacy Mask Up to 24 masks (8 masks for each scene)		
(WDR) 120 dB WDR  Defog Digital defog  Regional Exposure Yes  Image Settings Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser  Image Parameters Switch Yes  Privacy Mask Up to 24 masks (8 masks for each scene)		BLC, FILC, 3D DNK
Defog     Digital defog       Regional Exposure     Yes       Image Settings     Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser       Image Parameters Switch     Yes       Privacy Mask     Up to 24 masks (8 masks for each scene)		120 dB WDR
Regional Exposure Image Settings Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser Image Parameters Switch Privacy Mask Up to 24 masks (8 masks for each scene)		Digital defon
Image Settings     Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser       Image Parameters Switch     Yes       Privacy Mask     Up to 24 masks (8 masks for each scene)		
Image Parameters Switch     Yes       Privacy Mask     Up to 24 masks (8 masks for each scene)		
Privacy Mask Up to 24 masks (8 masks for each scene)		
	_	
5NR   >52 dB		
	SNK	> 27 aR



# **Specification**

Interface		
Built-in Speaker	1 built-in speaker	
Power Output	12 VDC; < 60 mA	
Ethernet Interface	1 RJ45 10 M/100 M Ethernet interface; PoE (802.3at)	
On-board Storage	Built-in memory card slot, support MicroSD/SDHC/SDXC, up to 512 GB	
Alarm	1 input, 1 output	
A	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 K $\Omega$ ± 10%;	
Audio	1 output (line out), line level, output impedance: $600~\Omega$	
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)	
Reset	Yes	
Event		
Basic Event	Video tampering alarm, motion detection, alarm input, alarm output, exception	
Smart Event	Line crossing detection, region entrance detection, unattended baggage detection, object removal detection, intrusion detection, region exiting detection, audio exception detection	
Alarm Linkage	Preset, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP, audible warning, white light flashing	
Deep Learning Function	1	
Face Capture	Detects up to 5 faces simultaneously. Supports detecting, capturing, grading, selecting of face in motion, and outputs the best face picture	
D D	Line crossing, intrusion, region entrance, region exiting	
Perimeter Protection	Support alarm triggering by specified target types (human and vehicle)	
General		
General Function	Mirror, password protection, watermark, IP address filter	
Power	12 VDC, 3.33 A & PoE (802.3at), 42.5 to 57 VDC, 0.6 A	
	Max. 14 W (including max. 4 W for white light)	
Operating Condition	Humidity: $\leq$ 90%, temperature: $-30^{\circ}$ C to $65^{\circ}$ C ( $-22^{\circ}$ F to $149^{\circ}$ F)	
Demist	Yes	
Dimension	179.3 mm × 120 mm × 182 mm (7.06" × 4.72" × 7.71")	
Weight	Approx. 1.125 kg (2.48 lb.)	
Approval		
Protection	IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection	

### **Dimension**



<sup>\*</sup>Disclaimer: Design and specifications are subject to changes without prior notice.



## **4G LTE Router Specification**

4G LTE Bands	US Version: B2/B4/B5/B12/B13/B14/B66/B71@FDD LTE (For North America, AT&T, T-Mobile,
	Verizon)
	EU Version: B1/B3/B5/B7/B8/B20/B28A@FDD LTE (For European Countries)
	AU Version: B1/B2/B3/B4/B5/B7/B8/B28@FDD LTE, B40@TDD LTE (For Australia)

## **Battery Specification**

SKU	Solar-S1250
Battery Type	Lithium Solar Battery (Li-ion Battery) with built-in charge controller
Nominal Voltage	11.1V
Rated Capacity	50Ah
Energy	555Wh
Charge Voltage Cut0off	12.5V
Maximum Continuous Charge Current	10A
Discharge Under-Voltage Protection	9V
Reconnect Voltage	10.5V
Dimension	330 x 160 x 90 mm (12.99" x 6.3" x 3.54")
Weight	4.5kg (9.92 Lbs)

### **Solar Panel Specification**

Solar Panel Type	Monocrystalline solar panels, 36 cells
Maximum Power at STC	100W
Optimum Operating Voltage (Vmp)	20.4V
Open-Circuit Voltage (Voc)	24.3V
Optimum Operating Current (Imp)	4.91A
Short-Circuit Current (Isc)	5.21A
Operating Temperature	-40°F to 176°F
Panel Leads (Pair)	14 AWG (1.96 ft)
Weight	14.1lbs/6.4kg
Dimension	41.8 x 20.9 x1.38 in