SAFE IS THE NEW SMART

2MP 30x Optical Zoom PTZ Network Camera
Camera Model: G-SP-230N20-TP (Impact)

30 FPS	WDR 120dB	AUDIO I/O	ALARM I/O	SD CARD	VCA
ANR	H.265+	PoE	GQST	IP67	IK10
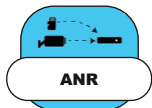
Application Areas

City Surveillance

Railway Station

Industrial Plant

Crowded Public Places

Government Office

Outdoor Perimeters

PTZ Camera

G-SP-230N20-TP Globus PTZ Camera is a high-performance, multi-functional security & surveillance solution that's ideal for wide area of coverage. It can perform optimally for wide-area surveillance even in challenging environment; from perimeters of organizations, parking lots, entrance, etc. With the help of its Pan, Tilt and Zoom capabilities, it creates high resolution images in a wider area, serving as a one-stop solution for outdoor surveillance. Powered by Sony Starvis Sensor, it brings on board an image processing that transcends excellence, clarity, and high performance at Full HD resolution. Its extra-wide dynamic range assures clear and balanced video images even in too bright or too dark lighting conditions, where its conventional counterparts struggle. With high frame rates, Globus PTZ Cameras let users recognize, analyse and assess split-second footages with unprecedented precision. The advanced processing engine of Globus PTZ Cameras can even de-blur images of moving objects in real time for fast camera pans. The continuous, noise-less PTZ operation of our cameras lets users immediately pan on the area of interest while the powerful optical zoom grabs the details of the scene without losing clarity.

Crafted with excellence of round the clock performance and high reliable output, Globus PTZ Camera can operate under challenging conditions like direct sunlight, rain, dust, etc. Coupled with Smart Video Analytics, our security & surveillance solutions support ONVIF for simplified integration with a wide range of platforms and hardware.

30 FPS

30 FPS

Frame rates play a crucial role in determining the quality of video recorded by CCTV camera, users can reduce their bandwidth consumption while enhancing the detailing in the recorded images by choosing the cameras with high frames per second. Globus Network Cameras are equipped with imaging technology that captures videos in high frame rate of 30 FPS for smooth and even images of moving objects.

WDR 120db

Globus Network CCTV Cameras are concocted with 120dB True WDR hence able to control the exposure as well as process the light values of each pixel in the image. Using 120dB WDR, the Globus range of cameras capture a balanced image with optimal exposure for all areas within the camera's field of view. In other words, Bright spots are toned down to prevent the image from being washed out, and the dark images are augmented to expose the objects in the shadows. This, in turn, enables the camera to go in places that would normally require expensive lighting controls/equipment.

WDR 120dB

AUDIO I/O

AUDIO I/O

Users can connect microphone and speaker to capture audio, listen live, record audio and talk/or make announcement via Globus Network Cameras using the two-way audio communication feature of the device. This feature allows operators to alert, deter or inform visitors or intruders in case of certain incidents. Recorded audio can also be used as an alarm to deter trespassers and miscreants.

Alarm In/Alarm Out

For efficient, smart and responsive event management, Globus Network Video Recorders supports Alarm-In and Alarm-Out functionality. This enterprise-level alarm triggering mechanism supports various alarms and alerts in case of specific events. It strengthens users' security and surveillance infrastructure and improves its overall efficiency.

ALARM I/O
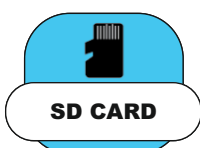
SD CARD

Edge based SD Card Recording

To increase its usability, Globus Network Cameras come with Edge SD Card Recording support. This feature also serves as a saviour during network or server burnouts.

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AI powered Video Content Analytics

VCA

The inbuilt AI-powered Video Analytics packs cutting-edge concepts and delivers more efficient, streamlined and hassle-free video assessment. It deploys artificial intelligence to cameras by analysing video content in real-time and fetches suitable inferences. It reliably detects, tracks and analyses object in its field of view and alerts users with preset alarms on incidents. A smart system of alarm rules out false alarms to minimum and makes surveillance from Globus Network Cameras more automated requiring minimal human intervention. Clubbed with features like Advanced motion detection, Camera tampering detection, People counting, Region entrance detection, Region departure detection, Line crossing detection, Loitering detection, Human presence detection, Left Object detection, Object removal detection, etc, Globus AI-Powered Video Analytics makes for a holistic and all-inclusive surveillance solution for every organization's security requirements.

ANR Technology

Globus Network Cameras support the Automatic Network Replenishment (ANR) feature i.e. if the connection between NVR and cameras is lost, the camera would start continuous recording and store videos in SD card instead of NVR. Then after reconnection, NVR automatically retrieves missed continuous videos from camera SD card in a period of time to prevent data missing. This feature enables user to use retrieve recorded data seamlessly and without any interruption. Thus, all of video recordings would be saved even network fails temporarily.

ANR
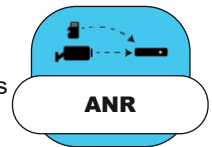
H.265+ Compression Technology

H.265+

The optimized version of H.265 compression technology, it uses a scene-adaptive encoding technology, dynamic ROI, intelligent noise reduction, flexible multi-frame reference, etc. to deliver high quality images while utilizing lower bandwidth and storage space. It reduces the bit rate and storage requirements of the recorded videos by up to 70% as compared to its predecessor.

Power Over Ethernet

Power over Ethernet is an efficient way to power cameras with an Ethernet cord and also give them a direct network access. The functionality of PoE makes installation easier and cheaper by requiring only one cable. Unlike other connections, PoE also ensures your network cameras are always connected.

PoE
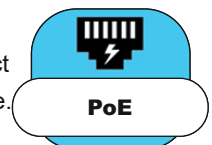
ONVIF G, Q, S, T compliance

Onvif
GQST

Globus Security Systems support ONVIF profiles G, Q, S and T to ensure effective interoperability of our Network Cameras with other industry products. All our IP products are 100% ONVIF compliant and support all the features like video & audio streaming, pan-tilt-zoom control & relay output, site info & configuration, event & alarm management, etc.

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IP67

Globus Network Cameras are resistant to mild physical strain and impact for performing rigorously even under harsh outdoor conditions. The IP 67 rating of our cameras certifies that they are built to withstand harsh weather conditions like dust, sunlight, rain, etc., making them perfect fit even in unforgiving conditions.

Ik10

Globus range of Network cameras are among the highly protected range of cameras compliant to IK10 standards (EN 62262 and IEC 62262) which means that the camera can be used in applications with high rates of vandalism. In addition, a Security Camera that is IK10 rated will generally withstand a variety of elements better than commercial grade standard Dome or Bullet Style Cameras.
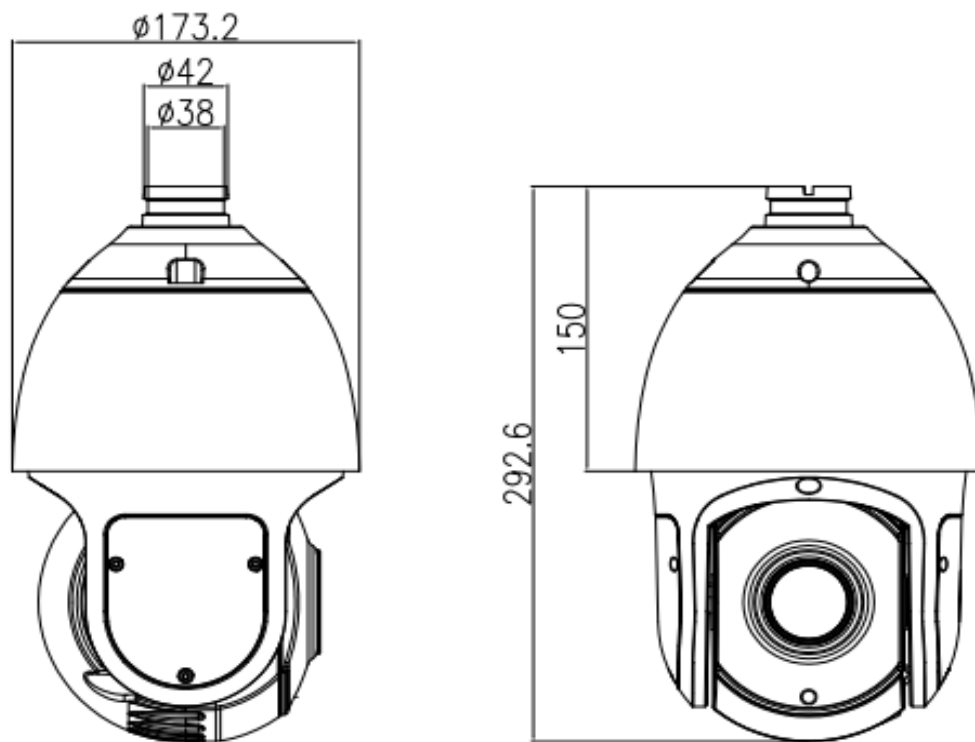
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2MP 30x Optical Zoom PTZ Network Camera

Camera	
Image Sensor	1/2.7″ Progressive Scan CMOS
Effective Pixel	1920x1080
Min. Illumination	Color: 0.001Lux@F1.2, B/W: 0Lux with IR on
Shutter Speed	1s ~ 1/100000s
Lens	4.3 -129mm, Automatic Focusing & Motorised Zoom Lens
Optical Zoom	30x Optical Motorised Zoom
Digital Zoom	16x Digital Zoom
Field of View	H: 58.5° ~ 2.8°, H: 33.2° ~ 1.5°
Iris Control	DC/Automatic
Aperture	F1.2
Signal System	PAL/NTSC
S/N Ratio	>60dB
Day/Night	ICR Filter Auto Switch,Automatic, Color, Mono
IR Distance	Up to 150m
Wavelength	850nm
Video	
Video Compression	H.265+, H.265, H.264+, H.264, MJPEG
Video Streaming	Unicast and Multicast streams
Streaming Capability	Triple Streams Individually configurable (H.265+,H.265,H.264)
Frame Rate	Primary Stream: 25/30fps@1920×1080, 1280×720, 704×576, 640×480
	Sub Stream: 25/30fps@704×576, 704×288, 640×480, 352×288
	Third Stream:25/30fps@704×576, 704×288, 352×288
Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
Image	
Wide Dynamic Range (WDR)	120dB WDR
Back Light Compensation (BLC)	Supported
High Light Compensation (HLC)	Supported
Auto Exposure	Auto Level Control

Privacy Masking	Supported
Defog	Supported
Digital noise reduction	2D/3D DNR
Image Setting	Brightness, Contrast, Saturation, Auto Gain, Sharpness, Image Rotation
Image Enhancement Function	AWB, AGC, Aisle mode
Audio	
Audio Compression	G.711, G.711-U RAW_PCM
Audio Streaming	Two-way Audio
Audio Input	1 Channel Input
Audio Output	1 Channel Output
PTZ	
Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~180°/s, Pan Preset Speed: 180°/s
Tilt Range/Tilt Speed	180° (Auto Flip) / Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed:120°/s
Preset Quantity	400
PTZ Mode	6 Track, 12 Scan, 12 Tour
Auto Track,Auto Pan, preset Control , Patrol mode	Supported
Power Off Memory	Supported
Events	
Event Trigger	Motion Detection,Network Disconnection, External Input,Pre/Post Alarm Buffer.
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output,PTZ Motion
Video Content Analytics (VCA)	Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad, Camera Tampering
Local Storage	
Memory Card Slot	Supported up to 256GB Micro SD.
ANR	Supported, Auto store video in SD card when NVR is disconnected; Upload video to NVR when connection is resumed.

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Alarm Interface	
Alarm Input	2 Channel Input
Alarm Output	1 Channel Output
Network	
Ethernet	1*RJ45 10M/100M Ethernet Port
IP Support	Static, Dynamic
Protocol	TCP, HTTP, RTP, RTSP, SNMP, IPV4, IPv6,FTP, NTP,DHCP, RTP, SMTP, UDP, UPnP, ICMP, IGMP, SSL,QoS, 802.1x, DNS, DDNS, HTTPS
IP Address Filtering	Supported
Multi Level User ID/ Password/Security	Supported
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	GVMS
Mobile Application	GloView
System Compatibility	ONVIF Profile S,G,Q,T
Upgrade	Web Browser, Online Upgrade
User/Host	5
Other features	Remote configuration,PC Client,Web client Configuration supported
Environmental	
Power Supply	PoE/PoE+, AC24V/DC12V/100- 230VAC
Power Consumption	27W Max
Operating Temperature	0℃~60℃, Less than 95% RH
Ingress Protection	IP67
Casing	Aluminium
Vandal Resistance	Ik10
Dimensions	173.2×292.6mm
Weight	3.1Kg

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Exploded View

About Globus Infocom

Globus Infocom is a pioneer of technological solutions in the field of Education Technology, Collaborative Conferencing & Professional Displays, Security & Surveillance and Healthcare & Wellness.

The company houses one of the most elaborate range of security solutions including Network Dome Camera, Network Bullet Camera, PTZ Cameras, Fish Eye Cameras, NVRs, DVRs, Mobile Surveillance, Body Worn Cameras, Switches, PoE and related accessories.

With its in-house Research & Development team and the zeal for constant innovation, Globus has developed an insight to understand what 21st century Security & Surveillance market demands. Owing to its nationwide sales and service support, Globus Infocom, a proud Make in India brand, has amassed more than 25,000 customers with 50% of repeat order ratio.

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