GEUTEBRÜCK

VIDEO MANAGEMENT

SECURITY MANAGEMENT

VIDEO CONTENT ANALYSIS

INTEGRATION AND MONITORING

SERVICE

HARDWARE

5 MP Fixdome Camera with IR-LED G-Cam/EFD-5230



The Fixdome Camera with 5 MP resolution is suitable for outdoor use. Due to its compact design, which can be mounted both on the wall and on the ceiling, it is ideally protected against sabotage by twisting or violent impacts.

- Inconspicuous installation in stairwells.
- Anti-twist mounting in parking garages.
- Outside or entrance areas.

- This Fixdome Camera is an optimal base-model with an excellent price/performance combination.
- Specially optimized image compression methods H.264/H264CCTV, H.265/H265CCTV, MJPEG for low bandwidth with high quality.
- The integrated infrared LED lighting provides even in absolute darkness sufficient illumination at a distance of up to 40 meters for best image results.
- High Dynamic Range to improve the image quality of particularly dark or bright image areas.
- Supports the G-Core Edge Recording function thanks to the built-in MicroSD card slot for almost complete recording of camera images, even when the network connection is interrupted.

Technical Data

Mega pixel Meg	Managara	EMD
Image sensor 1/2.7" Progressive CMOS Pixel size 2.0 µm Picture Format 17.81 / 16.9 / 4.3 Lens	Mega pixel	5 MP
Pixel size 2.0 µm Picture Format 11281/169 / 43 Lens f = 27 mm to 12 mm (motor-vario) Auto Back Focus No Digital zoom Optical zoom, digital zoom 10x F-Stop FL3 Angle of view Wide: 1021° (H) x 70.3° (V) Tele: 31.5° (H) x 22.7° (V) Camerea angle adjustment range Horizontal: 539° Vertical: 80° Rotation: -100° - +100° Video output Composite video: 1 Vpp, 75 Ohm (BNC)* Adapter needed Minimum sensitivity 0.08 Lux (color) 0.008 Lux (B/W) DayNight function Auto/Light on/Light on/Light Off/DayNight/Light Sensor/Smart IR-LED 850 mm /-40 m Wride Dynamic Range HDR Ger3 (130 dB max). Write balance Auto, ATW, One Push, Manual Exposure Auto, ATW, One Push, Manual Shutter 1-1/10K sec. Backlight Compensation Ves Digital Noise Reduction 20/50/Motion (low/middle/high/off) Text overlay Ves Interface 10/100/000 Mbps Ethernet OSD Menu English, Cerman, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese<		
Picture Format 112.81 16.97 4.31 Lens	_	
Lens f = 2,7 mm to 12 mm (motor-vario) Auto Back Focus No Digital zoom Optical zoom, digital zoom 10x F-Stop F13 Angle of view Wide: 102.1" (H) x 70.3" (V) Tele: 31.5" (H) x 22.7" (V) Camera angle adjustment range Horizontal: 359" Vertical: B0" Potaltion: -100" - +100" Video output Composite video: 1 Vpp, 75 Ohm (BNC) * Adapter needed Minimum sensitivity 0.08 Lux (color) 0.008 Lux (BM) Joya/Night function Auto/Light on/Light Off/Day/Night/Light Sensor/Smart IR-LED 850 mm / 40 m Wide Dynamic Range HDR Cen3 (30 dB max) White balance Auto, ATW, One Push, Manual Exposure Automatic / Manual Shutter 1-ViloK sec. Backlight Compensation Yes Digital Noise Reduction 2D/SD/Motion (low/middle/high/off) Text overlay Yes OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 30°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full res		·
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IR-LED 850 nm / 40 m Wide Dynamic Range HDR Gen3 (130 dB max.) White balance Auto, ATW, One Push, Manual Exposure Automatic / Manual Shutter 1-1/10k sec. Backlight Compensation Yes Digital Noise Reduction 2D/3D/Motion (low/middle/high/off) Text overlay Yes Interface 10/00/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H264/H264CCTV, H265/H265CCTV, MJPEG Picture rate (full resolution) H264/H264CCTV or H265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEC: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPDeE, IPVA/ko, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, C, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, C,711, C,726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to +55 °C (w heater) Heater Yes Connectors R3 -45 for 10/100/1000 Base/IT Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Minimum sensitivity	0.08 Lux (color) 0.008 Lux (B/W)
White balance Auto, ATW, One Push, Manual Exposure Automatic / Manual Shutter 1-1/10K sec. Backlight Compensation Yes Digital Noise Reduction 2D/3D/Motion (low/middle/high/off) Text overlay Yes Interface 10/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEC: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPOE, IPV4/V6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors R3.445 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Day/Night function	Auto/Light on/Light Off/Day/Night/Light Sensor/Smart
White balance Auto, ATW, One Push, Manual Exposure Automatic / Manual Shutter 1-1/10K sec. Backlight Compensation Yes Digital Noise Reduction 2D/3D/Motion (low/middle/high/off) Text overlay Yes Interface 10/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: SM@30fps + 720p@27fps Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPOE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS / IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G:711, G:726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply, BNC connector for analogue video output, SD card slot	IR-LED	850 nm / 40 m
Exposure Automatic / Manual Shutter 1-1/10K sec. Backlight Compensation Yes Digital Noise Reduction 2D/3D/Motion (low/middle/nigh/off) Text overlay Yes Interface 10/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: SM@30fps + 720p@27fps Picture Rate MJPEC: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPOE, IPv4/v6, ICMP, IGMP, Qos, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G:711, G:726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature +Se Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply, BNC connector for analogue video output, SD card slot	Wide Dynamic Range	HDR Gen3 (130 dB max.)
Shutter 1-1/10K sec. Backlight Compensation Yes Digital Noise Reduction 2D/3D/Motion (low/middle/high/off) Text overlay Yes Interface 10/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEC: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPOE, IPV4/V6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G:711, G:726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55°C to +55°C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply, BNC connector for analogue video output, SD card slot	White balance	Auto, ATW, One Push, Manual
Backlight Compensation Yes Digital Noise Reduction 2D/3D/Motion (low/middle/high/off) Text overlay Yes Interface 10/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEC: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPDG, IPV4/V6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Exposure	Automatic / Manual
Digital Noise Reduction 2D/3D/Motion (low/middle/high/off) Text overlay Yes Interface 10/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPoE, IPV4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 KOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Shutter	1~1/10K sec.
Text overlay Interface I0/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation O°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, C, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 KOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, C,711, C,726, AAC, LPCM Picture memory µSD sto (128 GB max.) Operating Temperature + 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Backlight Compensation	Yes
Interface 10/100/1000 Mbps Ethernet OSD Menu English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Digital Noise Reduction	2D/3D/Motion (low/middle/high/off)
English, German, French, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Japanese, Portugese Image rotation O°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad ARP, PPPOE, IPV4/V6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPNP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature + 55 °C (w heater) Heater Yes Connectors R3-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Text overlay	Yes
Image rotation 0°, 90°, 180°, 270°, Mirror Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPoE, IPV4/V6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Interface	10/100/1000 Mbps Ethernet
Compression H.264/H264CCTV, H.265/H265CCTV, MJPEG Picture rate (full resolution) H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPoE, IPV4/V6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	OSD Menu	
Picture rate (full resolution) Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G:711, G:726, AAC, LPCM Picture memory Uses Profile S oc (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Image rotation	0°, 90°, 180°, 270°, Mirror
Picture Rate MJPEG: 1080p@30 fps Video Streaming Single, Dual, Triple, Quad Protocols ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Compression	H.264/H264CCTV, H.265/H265CCTV, MJPEG
Video StreamingSingle, Dual, Triple, QuadProtocolsARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNSAccess levelsMultiple user access levels with password protectionNetwork securityUser Authentication/ HTTPS/ IP Filter/IEEE 802.1xBrowserEdge, Chrome, Firefox, SafariONVIF compatibleProfile S, G, Q, TMotion detection4 ZonesPrivacy masking5 adjustable masking zones (8 colors, rectangles, free scalable)Alarm In/Output1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free)AudioLine-in, Line-out, G.711, G.726, AAC, LPCMPicture memoryμSD slot (128 GB max.)Operating Temperature- 55 °C to + 55 °C (w heater)HeaterYesConnectorsRJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Picture rate (full resolution)	H.264/H264CCTV or H.265/H265CCTV with HDR: 5M@30fps + 720p@27fps
Protocols ARP, PPPOE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Picture Rate	MJPEG: 1080p@30 fps
Access levels Multiple user access levels with password protection Network security User Authentication/ HTTPS/ IP Filter/IEEE 802.1x Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Video Streaming	Single, Dual, Triple, Quad
Network security Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Protocols	
Browser Edge, Chrome, Firefox, Safari ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Access levels	Multiple user access levels with password protection
ONVIF compatible Profile S, G, Q, T Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature -55 °C to +55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Network security	User Authentication/ HTTPS/ IP Filter/IEEE 802.1x
Motion detection 4 Zones Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Browser	Edge, Chrome, Firefox, Safari
Privacy masking 5 adjustable masking zones (8 colors, rectangles, free scalable) Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	ONVIF compatible	Profile S, G, Q, T
Alarm In/Output 1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free) Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory USD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Motion detection	4 Zones
Audio Line-in, Line-out, G.711, G.726, AAC, LPCM Picture memory µSD slot (128 GB max.) Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Privacy masking	5 adjustable masking zones (8 colors, rectangles, free scalable)
Picture memoryμSD slot (128 GB max.)Operating Temperature- 55 °C to + 55 °C (w heater)HeaterYesConnectorsRJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Alarm In/Output	1x In (5 VDC/10 kOhm Pull Up Resistor, potential free), 1x Out (potential free)
Operating Temperature - 55 °C to + 55 °C (w heater) Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Audio	Line-in, Line-out, G.711, G.726, AAC, LPCM
Heater Yes Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Picture memory	μSD slot (128 GB max.)
Connectors RJ-45 for 10/100/1000 Base/T Ethernet; 4p connector for Alarm I/O; Audio In/Out; 4p connector for external power supply; BNC connector for analogue video output, SD card slot	Operating Temperature	- 55 °C to + 55 °C (w heater)
connector for external power supply; BNC connector for analogue video output, SD card slot	Heater	Yes
	Connectors	
J 11 J , (Voltage supply	
Power Consumption Approx. 13.7 W @ 12 VDC/24 VAC		· ,
IP class / vandalism proof IP66 / IK10	·	

Certification	FCC, CE, RoHS
Licensing	G-Core
Dimensions mm	133.8 mm x 117.4 mm
Weight	Approx. 760 g
Optional accessories	G-Cam/BNC-001 (5.04816) Video cable, G-Cam/EBFC-005 (5.04736) False ceiling kit, G-Cam/EBDA-004 (5.04740) Bracket to dome adapter, G-Cam/BWM-001 (5.04864) Metal wall mount, G-Cam/EBWM-006 (5.04739) Plastic wall mount, G-Cam/EPMA-003 (5.04735) Pole mount adapter, Ceiling mount hanging 250mm G-Cam/BPE-001 (5.04862)
Application area	Outdoor
Brand	Geutebrück
Order No.	5.03745
Version No.	2.0