



5MP MOTORISED IR TURRET CAMERA

SUPER STARLIGHT



FGSIP-P5TMVSA-27135

KEY FEATURES:

- Super Starlight
- Motorised lens 2.7-13.5mm
- Up to 2592x1944@30fps, 1920x1080@60fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination colour: 0.001Lux@F1.3
- Smart IR, IR Range: 50m
- Supports advanced video analytics
- Supports human/vehicle classification
- Supports face capture mode
- Built-in mic, audio I/O 1/1, alarm I/O 2/1
- Plugin free
- Operating conditions -35° to 65C°, 0-95% RH
- POE, IP67
- Full metal housing

Super Starlight

Incorporates the FERN360 highly sensitive star-level sensor, in combination with time and space bilateral noise reduction technology. Provides excellent image quality without trailing, even in illumination conditions as low as 0.0008 lux.

Smart Video Content Analysis (VCA)

Utilising an advanced video algorithm, this FERN360 camera supports intelligent detection, Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture, Safety Helmet Detection, Human/Vehicle Classification

Protection (IP67)

The camera enclosure has passed a series of strict tests in relation to its ability to protect the camera when exposed to dust and water.

Wide Dynamic Range (WDR)

FERN360 adopts advanced Wide Dynamic Range (WDR) technology. This enables clear images even in high-contrast environments with varying light levels.

Technical Specifications

Camera

Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.001Lux@ (F1.3, ACG ON), B/W: 0 Lux with IR
Shutter Time	1s to 1/100,000s
Day & Night	Dual IR Cut Filter with Auto Switch
Wide Dynamic Range	120dB
Angle Adjustment	pan 0~340°, tilt 0~75°, rotate 0~360°

Lens

Lens Type	Motorised
Focus	2.7-13.5mm
Lens Mount	Φ14
Aperture	F1.3~F2.2, Fixed
FOV	Horizontal field of view: 92.7~31.9°

Illuminator

IR LEDs	2
IR Range	Up to 50m
Wavelength	850nm
White LEDs/Warmlights	N/A

Compression Standard

Video Compression	S+265/H.265/H.264
Video Bit Rate	32Kbps~6Mbps
Audio Compression	G.711A/G.711U/ADPCM/AAC
Audio Bit Rate	8K~48Kbps

Image

Max. Resolution	2592x1944
Main Stream	PAL: 25fps (2592x1944, 2592x1520, 2560x1440, 2304x1296) 50fps (1920x1080, 1280x720) NTSC: 30fps (2592x1944, 2592x1520, 2560x1440, 2304x1296) 60fps (1920x1080, 1280x720)
Sub Stream	PAL: 25fps (704x576, 704x288, 640x360, 352x288) NTSC: 30fps (704x480, 704x240, 640x360, 352x240)
Third Stream	N/A
Image Setting	Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
Image Enhancement	BLC/3D DNR/HLC

ROI	Support 8 fixed regions of coding
OSD	16x16, 32x32, 48x48, adaptable size, Letters such as Week, Date, Time, Total 3 Regions
Picture Overlay	Yes
Privacy Mask	Yes, 8 regions
Smart Defog	Yes

Features

Alarm Trigger	Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception
Video Analytics	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture(Face Detection), Safety Helmet Detection, Human/Vehicle Classification
Early Warning (EW)	N/A

Network

ANR	Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Supports FERN360 ANR NVR)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, MULTICAST, UPnP, FTP, IPV4, NTP, SMTP, IGMP, 802.1x, QoS, IPV6, ARP, UDP, SNMP, SSL, SIP, Telnet, SNT, RTMP, SFTP, NFS
System Compatibility	ONVIF (PROFILE S/T/G), SDK, P2P
Remote Connection	≤7
Client	Easy7, EasyLive
Web Version	Web6

Interface

Communication Interface	1 RJ45 10M/ 100M self adaptive Ethernet port, RS 485
Audio I/O	1/1 Mic in
Alarm I/O	2/1
Reset Button	Yes
On-board Storage	Built-in MicroSD card slot, up to 512 GB

General

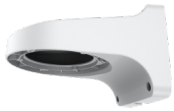
Firmware Version	-
Web Client Language	15 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Arabic, Vietnamese
Operating Conditions	-35°C ~ 65°C , 0 ~ 95% RH
Power Supply	DC 12V±25%/PoE
Power Consumption	MAX: 8W (12V) MAX: 9.5W (PoE)
Protection	IP67, Lightning protection, surge protection and voltage transient protection meets EN 55035:2017
Heater	N/A
Dimensions	Φ132x100mm (Φ5.2x3.94inch)
Weight	0.65Kg (1.43lb)

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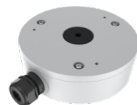
Ordering Information

Part Number	Description
FGSIP-BKWM-28	Wall Mount Bracket
FGSIP-BKJB-1	Surface Mount Junction Bracket
FGSIP-BKPM-36	Pole Mount Bracket
FGSIP-BKCM-35	Corner Mount Bracket
FGSIP-BKWM-25	Wall Mount Bracket

Accessories



FGSIP-BKWM-28



FGSIP-BKJB-1



FGSIP-BKPM-36



FGSIP-BKWM-25



FGSIP-BKCM-35

Dimensions

