

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
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Expert team | Trust guarantee | 100% satisfaction

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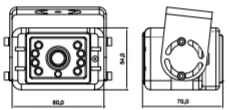
FW1193-FG

2MP Fixed Rugged

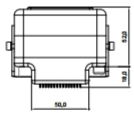


FW1193-FG
2MP Fixed Rugged

FW1193-FG is a high quality IR Rugged IP camera which is equipped with 2.13MP(effective pixel) Progressive Scan CMOS image Sensor. With the highest sensitivity Starvis sensor, it is especially superior in low light condition. As it supports simultaneous H.265, H.264 and MJPEG Video Compression, less network bandwidth and storage space required. It also delivers high quality video image at 30 fps@Full HD(1920X1080) in progressive mode.



TOP VIEW SIDE VIEW



BOTTOM VIEW

FW1193-FG
2MP Fixed Rugged

• Key Features

- Ambarella platform – Backdoor Issue free
- Sony Starvis (1/2.8") 2.13MP PS CMOS Sensor
- Night Color with super high sensitive sensor
- 3.6mm or 6.0mm Fixed Lens
- Quadruple Stream (H.265, H.264, M-JPEG, JPEG)
- Max. 30fps @ 2MP (1920x1080)
- DOL WDR (>120dB)
- Night Color level adjustment (B/W, 10, 20, 30, 40, 50)
- Shutter limit (Min./Max.) setting
  - Good for the better night time moving object image
  - To avoid saturation under strong back light or IR reflection
- OnVIF (Profile S) standard

• Tech Notes

Tips for color setting

When you feel the color of the image is not so brilliant or strong, set Saturation in the camera setting menu higher.

To get a crystal clear bright image, set Auto Exposure weight higher. Set Auto Exposure weight lower when specific area like number plate is too much bright due to reflection from sunlight or spot like.

The SONY STARVIS is back-illuminated pixel technology used in CMOS image sensors for surveillance camera applications. The excellent high sensitivity and low noise generates a wonderful full-color imaging world in any scene, any time.

FW1193-FG

▶ Technical Specifications

Camera

Imaging Sensor	1/2.8" 2.13MP Sony Starvis PS CMOS Sensor
Lens	3.6mm or 6.0mm Fixed Lens
Day & Night	True Day & Night (ICR)
Min. Illumination	Color : 0.05 lux B/W : 0.0005 lux / 0 lux (IR On)

Video Stream

System	Ambarella 32bit Embedded Linux 256Mbyte SDRAM, 128Mbyte NAND Flash
Compression	H.265, H.264, M-JPEG, JPEG
Resolution	1920x1080, 1280x720, 704x480, 640x352, 320x176, 160x96
Frame rate	30fps/25fps @ Full-HD
Video Stream	Quadruple Streaming, selectable : H.265/H.264/MJPEG, Frame rate, Bitrate, VBR/AVBR/CBR/ACBR, GOP

Video Setting

Motion Detection	4 Areas
Audio Detection	Enable (sensitivity setting) / Disable
Privacy Masking	8 Areas
Video Analytics	Optional (Face Detection, Tampering, Tripwire etc.)
Smart Video	ROI
Exposure Mode	Indoor / Outdoor
AE Metering Mode	Spot / Center / Average / Venter Flip
Shutter Control	Manual (Min./Max. Setting) / Auto
Max AGC Gain	0~72
Sense Up Level	Off / 1 / 2
Back Light Compensation	Enable / Disable
Auto Exposure Weight	25% ~ 400%
WDR	DOL WDR (Enable / Disable), D-WDR 0~128
Image Adjustment	Brightness / Contrast / Hue / Saturation / Sharpness
White Balance	Auto / Manual / 9 Special Condition / Custom
3DNR	0~11
Day & Night Control	Color / Black&White / AutoNight Color (B/W, 10, 20, 30, 40, 50)
Image Direction	Vertical Flip / Horizontal Flip / Corridor Mode

Illuminator

Type	8 IR LEDs
Distance	Max. 10 Meter

Network

Security	IP Filtering, HTTPS, Encrypted & Basic Authentication, Management White List
Supported protocols	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, SNMP, DHCP, NTP, SMTP client, uPnP&etc
DDNS	www.ipcctvdns.com
Interface	RJ45 Ehternet 10/100Mbps

System Intergration

Programing Interface	SDK, OnVIF Profile S
Video Analytic	Motion detection. Optional: ROI, Tripwire, Tampering, Face Detection
Triggering Event	Motion detection, triggering DI, triggering serial input, connected/ disconnected, boot finished
Action on Event	Pre-alarm & Post-alarm buffer. Upload FTP, Email notification, FCM Google notification
Connection	-

Onboard storage

Type	-
Recording	Always, Schedule, Event, Schedule & Event
Playback	Internet Explorer, FlexWATCH NVR/ CMS/ Mobile App

Video/Audio

Video Out	1 CVBS
Audio Compression	-
Audio stream	-
Connection	-

General

Case	Metal
Power Supply	SMPS, DC12V / 1A PoE : IEEE 802.3af
Power Consumption	Max. 4.0W
Operating Environment	-20℃ ~ +60℃, 10% ~ 90% RH
Dimension	80(W) x 70(L) x 54(H) mm
Weight	About 370g without Bracket and SMPS
Approval	KC, CE, FCC, RoHS, IP66
Accessories	-
Bundle Software	IP Installer, SMVP, Smart NVR Lite

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Gold-standard solutions

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We buy equipment

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