

Datesheet

PG2086IRCS-P

8MP Dual illumination Panoramic Network Camera



Key Features

2 x 1/2.7" GC5623 CMOS
4096 × 1944@20 fps
2 x 2.8mm fixed lens
H.265+, H.265, H.264
F1.6 lens
Built-in Microphone
White Light & IR Range: up to 30 m
WDR/HDR/3D DNR/HLC/BLC
Water and dust resistant (IP66)
Color: 0.05 lux @(F1.6), 0 lux with IR light
Angle adjustment

Specifications

Camera

Image Sensor	1/2.7" GC5623 CMOS
Min. Illumination	Color: 0.05lux @(F1.6), 0 lux with IR light
Shutter Speed	1/10 s to 1/10,000 s
Slow Shutter	Yes
Day & Night	IR CUT Filter
Digital Noise Reduction	3D DNR 2D DNR
WDR	120dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°

Lens

Focal Length	Fixed focal lens, dual lens, 2.8 mm
Aperture	F1.6
Focus	Fixed
Focus Length & FOV	2.8 mm, horizontal FOV: 160°, vertical FOV: 70°
FOV	
Lens Mount	M12

Illuminator	
White Light & IR Range	Up to 30 m
Smart Supplement Light	Yes
Compression Standard	
Video Compression	Main stream: H.265+/H.265/H.264 Sub-stream: H.265+/H.265/H.264
H.264 Type	High Profile/Main Profile/Base Profile
H.265 Type	High Profile/Main Profile/Base Profile
H.265+	High Profile/Main Profile/Base Profile
Smart Feature-set	
Smart Event	Human detection
Basic Event	Motion detection
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, Email
Image	
Max. Resolution	4096 × 1944
Main Stream	50Hz: 20 fps 4096 × 1944 60Hz: 20 fps 4096 × 1944
Sub-Stream	50Hz: 20 fps 1024 x 480 ; 20 fps 768 x 360 60Hz: 20 fps 1280 x 360 ; 20 fps 768 x 360
Image Enhancement	WDR/HDR/3D DNR/2D DNR/HLC/BLC
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, and white balance adjustable by client software or web browser
SVC	H.264 and H.265 encoding support
Day/Night Switch	Day/Night/Auto/Schedule
Network	
Network Storage	Support local storage and NAS (NFS, SMB/CIFS)
Protocols	HTTP, RTSP, DHCP, FTP, NTP, ONVIF, P2P, SMTP, RTMP
Client	AJ_Client, AC18Pro, Videolink
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Built-in Microphone	Yes
Built-in Speaker	Power: 3W.MAX. Sound pressure lever:10cm: 100dB.
Reset Key	Yes
On-Board Storage	Built-in memory card slot, support microSD card, up to 512GB
General	
Operating Conditions	-30 °C to +85 °C, humidity 95% or less (non-condensing)
Web Client Language	14 languages: English, Russian, German, Italian, Turkish, Korean, Japanese, Traditional Chinese, Simple Chinese, Ukrainian, Portuguese, Croatian, Polish, Farsi
Power Consumption and Current	DC 12V, 1 A, max. 10 W PoE (802.3af, 36 V to 57 V), 0.35 A to 0.22 A, max. 12.5W
Protection Level	IP66-Each Camera has been tested waterproof
Material	Front cover: metal, body: metal, bracket: metal
Dimensions	Camera: 236.1 × 110 × 74mm (9.29" × 4.33" × 2.91") Package: 270 × 125 × 110 mm (10.6" × 4.92" × 4.3")
Weight	Apporx.660g(1.46 lb)
With Package Weight	Apporx.800g(1.76 lb)