

# Datesheet

## PG2255IS

5 MP IR Fixed Dome Network Camera



### Key Features

1/2.8" IMX335 CMOS  
2592 × 1944@30 fps  
2.8 fixed lens  
H.265+, H.265, H.264  
F2.0 lens  
Built-in Microphone&Speaker  
IR Light Range: up to 30 m  
WDR/HDR/3D DNR/HLC/BLC  
Water and dust resistant(IP67)  
Color: 0.01 lux @(F2.0), 0 lux with IR light  
3-Axis adjustment

## Specifications

### Camera

Image Sensor	1/2.8" IMX335 CMOS
Min. Illumination	Color: 0.01lux @(F2.0), 0 lux with IR light
White Balance	Auto/Manual
Shutter Speed	1/10 s to 1/10,000 s
Day & Night	IR Cut Filter
Digital Noise Reduction	2D/3D DNR
WDR	Support
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°

### Lens

Focal Length	2.8 mm
Field of View	horizontal FOV: 94°, vertical FOV: 68°, diagonal FOV: 122°

### Compression Standard

Video Compression	Main stream: H.265+,H.265,H.264 Sub-stream: H.265+,H.265,H.264
H.265 Type	Baseline profile/Main profile/High profile
H.265+	Yes

**Event**

Basic Event	Motion Detection
Intelligent detection	Human detection, Vehicle detection

**IR**

IR Distance	30 m
Smart Supplement Light	YES

**Image**

Max. Resolution	2592 x 1944
Main Stream	50Hz: 30@FPS(2592×1944),30@FPS(2560×1440),30FPS@(2304×1296),30FPS@(1944×1944),30FPS@(1200×1200),60@FPS(1920×1080,1280 × 720); 60Hz: 30@FPS(2592×1944),30@FPS(2560×1440),30FPS@(2304×1296),30FPS@(1944×1944),30FPS@(1200×1200),60@FPS(1920×1080,1280 × 720);
Sub-Stream	30fps@D1/VGA/640x360/480 x360 /CIF
Image Enhancement	BLC/3D DNR/HLC/WDR

**Network**

Network Storage	Support Local storage and NFS,NVR,APP Cloud Storage
Protocols	TCP/IP/IPv4/IPv6/HTTP/RTSP/NFS/DHCP/NTP/SMTP/FTP/SSL
General Function	Built-in Mic,Privacy Masks, Horizon/Vertical Flip>Password Reset,Upgrade
API	ONVIF (Profile S, Profile G, Profile T)
Simultaneous Live View	Up to 20 channels
User/Host	3 levels: Administrators, Operators and Users
Client	AJ_Client,AC18Pro,Videolink
Web Browser	IE 8+ ,Chrome 57.0+, Firefox 52.0+

**Interface**

Network Interface	1 RJ45 10 M/100 M Ethernet, PoE
Power	12V DC
Audio IN	Built-in Mic
Audio Out	N/A
RS485	N/A
SD Card slot	N/A

**General**

Web Client Language	14 languages: English,Russian,German,Italian,Turkish, Korean,Japanese,Traditional Chinese, Simple
Power	12V DC, 1.5 A (Max. 10.9 W, including Max. 4.2 W for IR) PoE (802.3af), 36 to 57V DC, 0.35 A (Max. 12.2 W, including max. 4.2 W for IR)
Working Environment	(-30 °C to +85 °C, humidity 95% or less (non-condensing))
Protection Level	IP66
Material	Metal
Dimension	Package: 140 x 135 x 115 mm (5.5" x 5.3" x 4.5")
Weight	With Package : Approx. 0.53 kg (1.16 lb.)