GeoVision inc

Fisheye Family

Seeing all the details you want

- Seamless Integration with GV-VMS / GV-SNVR and Maximum Performance with 3rd Party Solutions
- Supports a Wide Range of Resolution Configurations
- Entry-Level to High-End Models
- One Camera to Cover All Angles
- Offers Compact Size Models for Discrete Surveillance
- WIFI Series Available
- All-in-One Panoramic Series Available

Airport hall

Privacy Mask | Tracking | Tampering Alarm | Defog | IP67 | IK10+

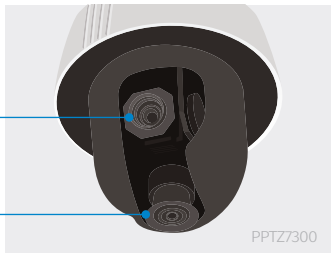
All-in-One Panoramic Series Available

GV-PPTZ7300, GV-PPTZ14021 and GV-PPTZ14031 are 360° anti-blindspot network cameras, that combine the panorama feature of a fisheye camera with the tracking and zoom agility of a speed dome. These revolutionary models, which integrate the utility of 5MP / 12MP fisheye lens with a 10x / 20x / 30x zoom module, allow users to achieve 360° panorama view while simultaneously able to perform pan / tilt / zoom on specific points of interest with a simple click of the mouse. To facilitate tracking, PPTZ series are equipped with an advanced zoom module to automatically track moving objects within the range of view. These models are suitable for outdoor installation with IP67 weather-resistance and boasts easy installation features.

Fisheye Dewarping

PIP Mode

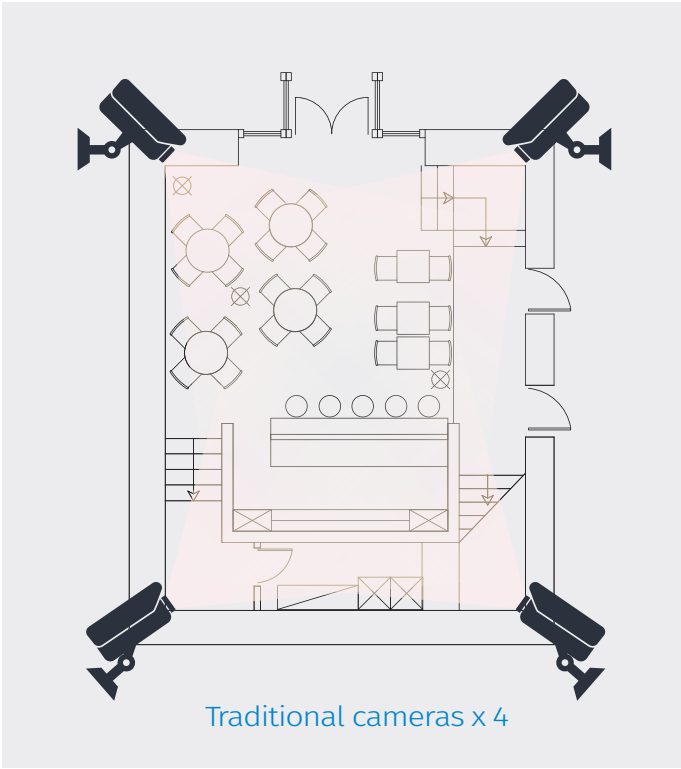
PPTZ14021 / 14031



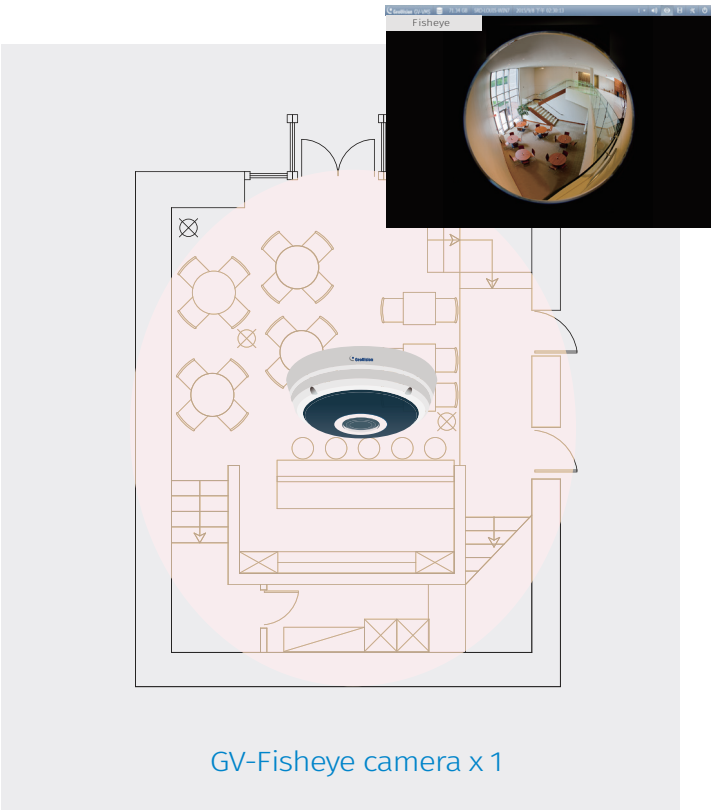
PPTZ7300

One Camera to Cover All Angles

Fisheye Series offer models that provide clear and vivid images to see everything using a single camera (i.e. replace 4 traditional cameras with 1 fisheye camera to monitor a lobby, entrance of a small chain store to reduce time and cost of installation, cabling and license fee without losing any detail).



Traditional cameras x 4

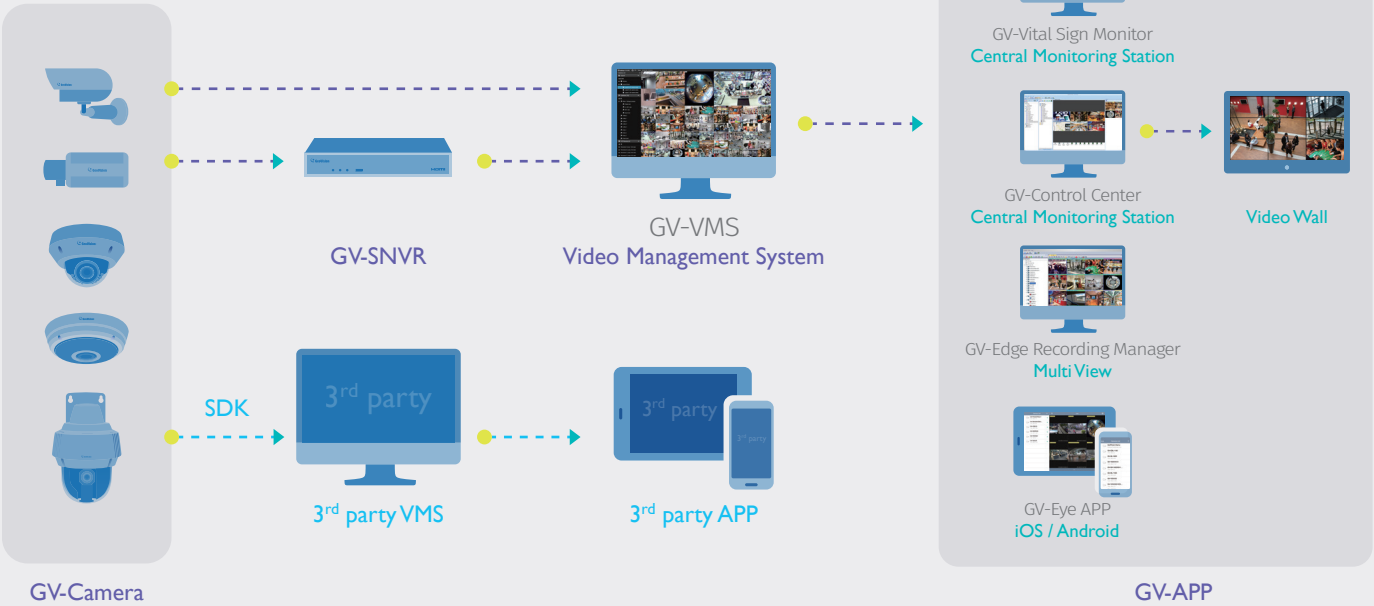


GV-Fisheye camera x 1

Seamless Integration with GV-VMS / GV-SNVR and Maximum Performance with 3rd Party Solutions

GV-UNFE / GV-EFER / GV-FER / GV-PPTZ Series are fully integrated with GV-VMS and GV-SNVR* for video recording, playback, management, dewarp and virtual PTZ. In addition, these models support 3rd party integration with full function SDK for both Windows and also feature Linux based backend to allow the flexibility of integration with other solution providers.

*** GV-SNVR does not support FER12203**



Comprehensive Product Line

Geovision's comprehensive line of Fisheye cameras includes GV-UNFE2503, GV-EFER3700, GV-FER5700, GV-FER12203, GV-PPTZ7300, GV-PPTZ14021 and GV-PPTZ14031 with 2 MP, 3 MP, 5 MP and 12 MP, 7 MP, 14 MP resolution, respectively, for entry-level to high-end suitability. These cameras are IP67 and IK10* outdoor-rated and are suitable for operation under weather and environmental extremes.

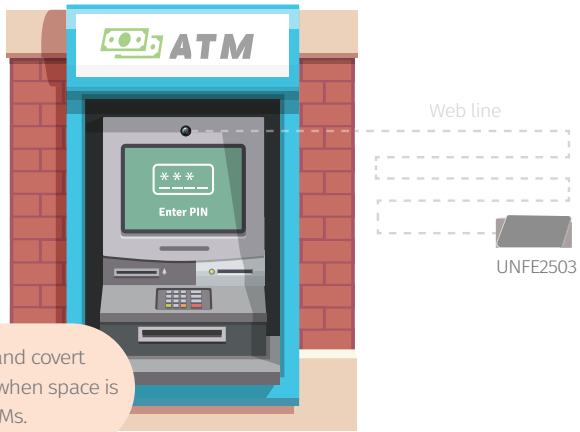
***GV-UNFE2503 / GV-EFER3700 doesn't support IK10**

Offers Compact Size Models for Discrete Surveillance

For discrete surveillance, UNFE2503 is designed with a delicate compact size and is ideal for placement in small or closed areas such as elevators or ATM stations to discretely monitor.

WIFI Series Available

EFER3700 offers an optional WIFI sku to eliminate the need for RJ-45 cabling to facilitate installations.



Provides discrete and covert surveillance even when space is limited, such as ATMs.

Product Spec

PPTZ14021 / 14031

14MP H.265 Low Lux WDR Pro Panoramic PTZ IP Camera

- FE: Up to 15 fps at 4000 × 3000, 25 fps at 2896 x 2768
  SD: Up to 30 fps at 1920 x 1080
- SD: 20x/30x optical zoom and 32x digital zoom
- SD: pan 355° and tilt from -15° to 195°
- Vandal resistance (IK10 for metal casing and polycarbonate casing) and Ingress protection (IP67)
- Two-way audio
- Object Tracking
- Intuitive PTZ control

PPTZ7300

7MP H.264 Low Lux WDR Pro Panoramic PTZ IP Camera

- FE: Up to 10 fps at 2560 × 1920
  SD: Up to 30 fps at 1920 x 1080
- SD: 10x optical zoom and 32x digital zoom
- SD: pan 355° and tilt from -15° to 195°
- Vandal resistance (IK10 for metal casing and polycarbonate casing) and Ingress protection (IP67)
- Two-way audio
- Object Tracking
- Intuitive PTZ control

FER5700

5MP H.265 Low Lux WDR IR Fisheye Rugged IP Camera

- Up to 30 fps at 2560 × 2048
- USB slot for GV-WiFi Adapter or USB hard drive
- Two-way audio and Built-in Microphone
- IR distance up to 30 m (98.43 ft)
- Vandal resistance (IK10+ for metal casing) and Ingress protection (IP67)
- Digital Object Tracking
- Virtual PTZ function
- Auto Pan function

FER12203

12MP H.265 Low Lux IR Fisheye Rugged IP Camera

- Up to 15 fps at 4000 × 3000, 25 fps at 2896 x 2768
- USB slot for GV-WiFi Adapter or USB hard drive
- Two-way audio and Built-in Microphone
- IR distance up to 30 m (98.43 ft)
- Vandal resistance (IK10+ for metal casing) and Ingress protection (IP67)
- Digital Object Tracking
- Virtual PTZ function
- Auto Pan function

EFER3700

3MP H.265 Super Low Lux WDR Pro IR Fisheye Rugged IP Camera

- Up to 30 fps at 2048 × 1536
- Two-way audio
- IR distance up to 30 m (98.43 ft)
- Vandal resistance (IK8) and Ingress protection (IP67)
- Digital Object Tracking
- Virtual PTZ function
- Auto Pan function

UNFE2503

2MP H.264 Super Low Lux WDR IR Fisheye Camera

- Up to 30 fps at 1920 × 1080
- USB slot for GV-WiFi Adapter or USB hard drive
- One-way audio
- Digital Object Tracking
- Virtual PTZ function
- Auto Pan function
- IR distance up to 10 m (32.81 ft)
- Ingress protection (IP67)