

# Panoramic & PTZ – Security Surveillance Camera



## 16MP 180° Panoramic & PTZ Camera

16MP 180° Panoramic & PTZ Camera offers high-resolution imaging, wide-angle coverage, and remote PTZ control for versatile surveillance applications.

A 16MP 180° Panoramic & PTZ Camera refers to a camera system capable of capturing high-resolution images with a wide field of view (180 degrees) and equipped with pan, tilt, and zoom (PTZ) functionalities. Here's a breakdown of what each of these terms means:

- ✚ **16MP** : This refers to the resolution of the camera's image sensor. "MP" stands for megapixels, which indicates the number of pixels the camera can capture in a single image. In this case, the camera can capture images with a resolution of 16 million pixels, which typically results in high-detail images suitable for various applications.
- ✚ **180° Panoramic** : A panoramic camera captures a wide field of view, typically more than what a standard camera can capture. The 180° specification indicates that the camera can capture everything within a 180-degree angle in a single frame. This wide field of view is useful for surveillance, monitoring large areas, or capturing expansive landscapes.
- ✚ **PTZ** : PTZ stands for Pan, Tilt, and Zoom. This feature allows the camera to move horizontally (pan), vertically (tilt), and adjust the focal length (zoom). PTZ functionality enables the user to remotely control the camera's position and focus, allowing for flexible monitoring and surveillance. It's commonly used in security systems to track subjects or events in real-time.

Overall, the technical advantages of a 16MP 180° Panoramic & PTZ Camera make it a powerful tool for various surveillance, security, and monitoring applications, offering high-quality imaging, extensive coverage, flexibility, and advanced functionality.

### Technical Specifications

- ✚ High quality imaging with 16 MP resolution, up to 5520×2400 @30 fps for panoramic channels,
- ✚ Excellent low-light performance with DarkFighter technology,
- ✚ 40x optical zoom and 16x digital zoom provide close up views over expansive areas,
- ✚ Expansive night view with up to 250 m IR distance,
- ✚ With one click on the panoramic channel, the PTZ channel shows the details automatically,
- ✚ Continuous and stable manual tracking, auto-tracking, and panorama tracking,
- ✚ Automatic switch between multiple targets,
- ✚ Supports 7 alarm inputs, 2 alarm outputs, 1 audio input, and 1 audio output.