



Panoramic PTZ

360° Seamless Surveillance Solution

Panoramic PTZ is a groundbreaking new technology developed by the VIVOTEK R&D team for monitoring open areas with extreme detail. This feature is realized through the synergy of a VIVOTEK megapixel fisheye camera with speed dome camera, and allows users to simultaneously monitor an area overview from a fisheye model while providing the capability for a detailed regional view from a speed dome. The VIVOTEK megapixel fisheye camera provides a 180° panoramic view or 360° surround view without blind spots, while the VIVOTEK speed dome provides fast, precise pan/tilt/zoom movement through its robust design and captures details with precise quality from extreme distances. Suitable applications for Panoramic PTZ include department stores, station lobbies, airports, parking lots, and any wide open areas where comprehensive video surveillance systems and the capability for extreme video detail are essential.

The combination of a fisheye global view and a speed dome camera accomplishes a seamless surveillance solution in which the fisheye camera's global view is used as the "command" unit to detect events across an entire area, and the speed dome acts as the "slave" to track and zoom in on suspicious objects for detail at up to 1080p resolution with 20X optical zoom. In both the panoramic as well as surround views, users can utilize the ultra-smooth PTZ function to easily zoom in and focus on a region of interest (ROI) via a mouse to track the object of interest, allowing views of objects such as license plates from up to hundreds of meters away. By activating the auto tracking feature, surveillance efficiency is increased as the fisheye is used to trigger the speed dome to track moving objects within a wide area before an operator may be aware of suspicious activity. Most importantly, VIVOTEK Panoramic PTZ saves on the overall cost of the surveillance system, effectively reducing the number of cameras, labor costs, power consumption, and maintenance expenses.

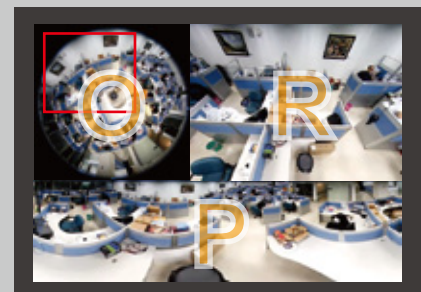
Features

- Manually Control Speed Dome PTZ through Fisheye Camera's Global View
- Automatically Activate the Speed Dome PTZ Function by Use of the Fisheye Camera's Auto Tracking Feature

Illustration



Panoramic PTZ integrates a VIVOTEK fisheye camera with speed dome, allowing users to simultaneously monitor an overview from a fisheye camera and a detailed regional view from a speed dome camera.
VIVOTEK fisheye cameras: FE8172/72V
VIVOTEK speed domes: SD8362E, SD8332E



1O - Original surround view from fisheye
1P - Panoramic view from fisheye
1R - Regional view from speed dome