Panoramic PTZ

360° Seamless Surveillance Solution

Panoramic PTZ is an innovative new feature developed by the VIVOTEK R&D team. This technique incorporates the strengths of a VIVOTEK megapixel fisheye camera with speed dome camera, which allows users to simultaneously monitor an overview from a fisheye model and a detailed regional view from a speed dome. The VIVOTEK megapixel fisheye camera provides 180° panoramic view or 360° surround view without blind spots, while the VIVOTEK speed dome provides fast, precise pan/tilt/zoom movement using its sophisticated mechanisms and captures details at top-notch quality. The suitable applications of 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 accomplishes a seamless surveillance solution in which the fisheye camera's global view is used as the "command" unit to detect events over 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 view, 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 monitoring of a wide open area with ease. By activating the auto tracking feature, the level of operation 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 cost of installation, power consumption, and following maintenance expense.
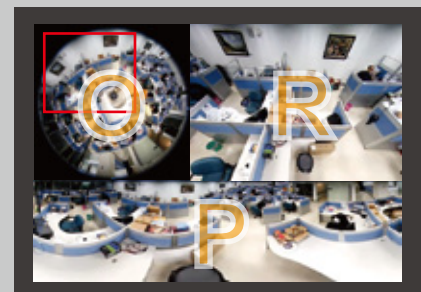
Features

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

Illustration

Fisheye + Speed Dome =

Panoramic PTZ coordinates a fisheye and a Full HD speed dome, and allows 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