VIVOTEK
A Delta Group Company

V-series Multi-sensor Panoramic AI Camera

MS9321-EHV-V2 / MS9390-EHV-V2

NDAA Compliance | 5 YEARS WARRANTY | ONVIF | GST

VIVOTEK's V-series Multi-sensor Panoramic AI Camera revolutionizes surveillance efficiency by replacing three cameras with one. Delivering seamless coverage while streamlining installation and licensing, it combines Smart VCA and AI analytics to provide comprehensive, intelligent surveillance in a single device.

Features

● Hardware ● Software

8 / 18 MP
Multi-sensor Panoramic AI Camera

2 / 4 sensors
Deliver comprehensive coverage

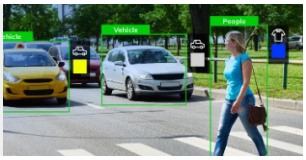
180° View
Prevent blind spots

120 dB WDR Pro

Weatherproof and Impact Protection
IK10 / IP66

Up to 30 Meters IR Illuminators

Vision Object Analytic
Identify people,
vehicles and attributes



Deep Search
Available with supported platform

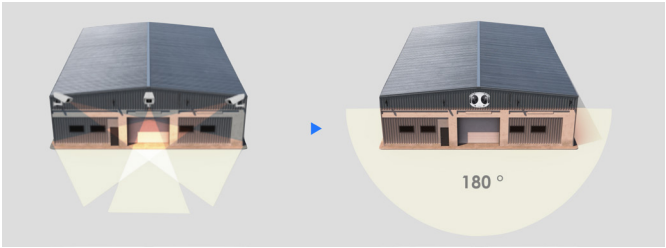
Smart VCA
Accurate detect incidents

Trend-Micro™ IoT Security
Defend and Quarantine Vulnerability Protection

Lower Total Cost of Ownership

Replace 3 cameras with 1

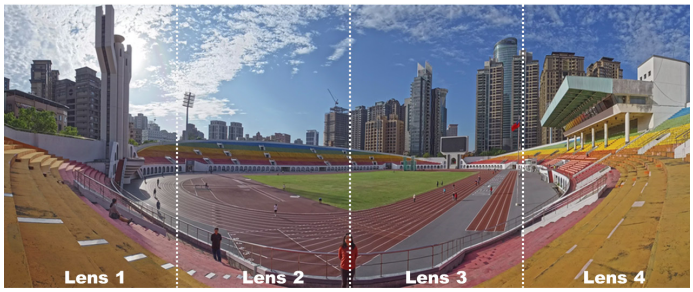
Streamline surveillance with the panoramic camera – a single unit that effortlessly replaces the need for three separate cameras. Enjoy comprehensive coverage without the clutter, while saving valuable resources and minimizing installation hassles.



One camera, one Installation, one License

Transform surveillance efficiency with the Multi-sensor Panoramic AI Camera that replaces multiple units. A single installation provides complete coverage while reducing deployment complexity, and with one license required, it delivers substantial cost savings without sacrificing security standards.

Image Enhancement & Advanced Analytics



Video alignment to have a seamless picture

The Multi-sensor Panoramic AI Camera features Video Alignment technology that allows you to adjust the positioning and image quality of each sensor. This ensures a clean, seamless panoramic image without black bars or overlapping edges, delivering an uninterrupted viewing experience.

Unparalleled Visibility in High Contrast Environments

With 120dB WDR Pro, the Multi-sensor Panoramic AI Camera automatically balances exposure in extreme lighting conditions. As shown in the image, even with brightness levels ranging from 3,000 lux in stairwell areas to 50 lux in darker corners, the camera delivers uniform image quality across all zones without manual adjustment.

AI detection for accurate alarm

VIVOTEK Smart VCA offers precise object and attribute tracking, providing detailed video analytics for targeted monitoring and quick searches.

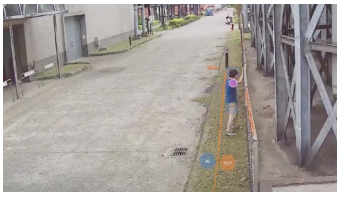
Built-in Analytics

Smart Motion | Line Crossing | Intrusion | Loitering | Face | Crowd | Missing Object | Unattended Object

Paid Analytics

Running | Parking Detection | Restricted Zone

Perimeter intrusion



Fence jump

Loitering in critical location

Running

Complete Video Security with VIVOTEK Solution

Access and manage all devices and accounts through a single platform, providing accurate event monitoring and intuitive security system operation video investigation no matter where you are.

VSS Pro | NVR CORE + AI | VORTEX BY VIVOTEK

Consolidate three alarms into one

Since the Multi-sensor Panoramic AI Camera captures a 180° field of view, many use it to replace three cameras with one. Therefore, it consolidates alerts that combine the insights of three separate cameras into one notification, allowing users to react promptly and effectively without being misled by repeated alerts.

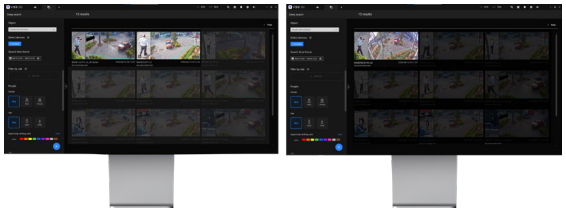
VORTEX app

avaiable on iOS and Android

GET IT ON Google Play | Download on the App Store

Consolidate three search into one

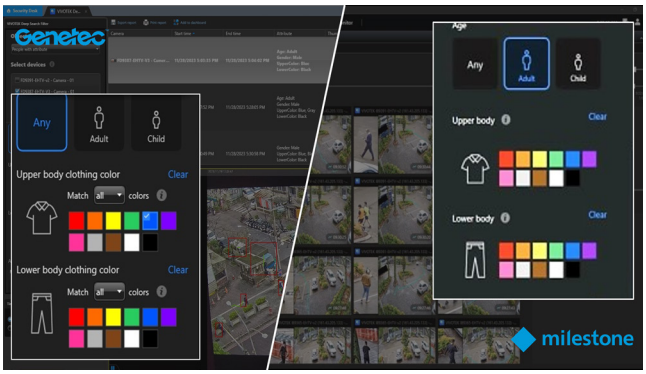
As the Multi-sensor Panoramic AI Camera captures a 180° field of view, many use it to replace three cameras with one. Therefore, efficient footage search is simplified by replacing three search into a single, user-friendly interface, facilitating post-incident analysis without repeatedly checking images from different angles.



Flexible viewing with VAST Security Station

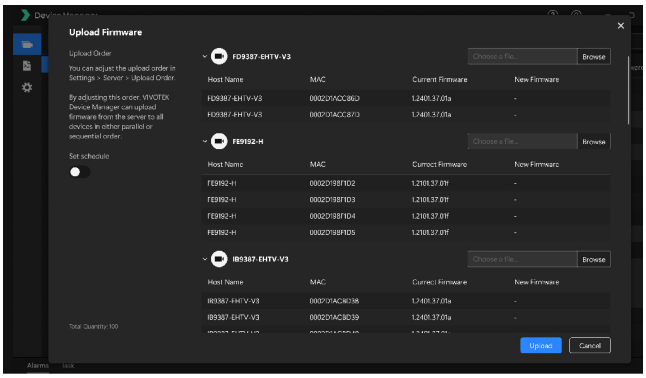
While delivering a 180° panoramic view, the V-series Multi-sensor Panoramic AI Camera offers flexible viewing options through VAST Security Station. Users can divide the panoramic view into three regions of interest, enabling seamless switching between different viewing angles while maintaining complete panoramic recording.

Unified experience on Milestone and Genetec



Deep Search Plugin for Milestone and Genetec

Easily enhance your Milestone XProtect or Genetec Security Center with VIVOTEK's AI cameras for instant search evidence by attributes. Since one Multi-sensor Panoramic AI Camera replaces three traditional cameras, you can reduce Milestone licenses from three to one, significantly lowering your total system costs.



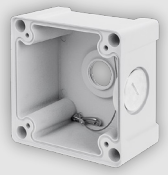
VIVOTEK Device Manager – Batch Configuration

Device Manager quickly configure your cameras and NVRs. With our batch configuration, IP allocation, HTTPS/IEEE certificates, and firmware updates have never been easier, ensuring the system is always up-to-date and streamlined.

Ordering Information

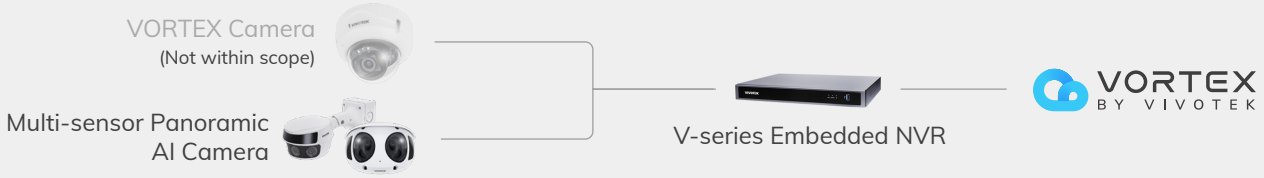
Models	MS9321-EHV-V2	MS9390-EHV-V2
Resolution	18 MP	8 MP
Numbers of Lens	4	2
Focal Length	3.5mm	2.8mm
IR Distance	30m	20m
Audio Capability	Two-way audio	One-way audio

Accessories

MS9321-EHV-V2	MS9390-EHV-V2
	
AM-719 (included) **Outdoor Junction Box**	**AM-21N** **Mounting Bracket**

Recommend Solution

Hybrid Cloud Solution



On-Prem Solution

Open Platform Solution