

# C-series AI Camera

**On-premise** FD9380-V2 / IB9380-V2 / IT9380-V2

**Cloud-native** FD830 / IB830 / IT830



The C-series On-premise & Essential Cloud-native camera captures detailed 5MP resolution at 30 fps with WDR clarity, even in challenging lighting. Powered by basic AI analytics and Vision Object Analytics, it ensures that users only get the alerts that matter. With an IK10 metal housing and enterprise-grade security from Trend Micro, this camera is built for reliability, inside and out.

## Features

● Hardware ● Software

|                                                                    |  |                                                                                    |  |
|--------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|
| <b>5MP Resolution</b><br>C-series/Essential AI Camera              |  | <b>H.265 Codec with Smart Stream III</b><br>Bandwidth saving more than 90%         |  |
| <b>WDR Pro 120dB</b>                                               |  | <b>30M IR with Smart IR</b><br>Balanced IR lighting for clear details              |  |
| <b>Vandal-proof Certificated</b><br>IP66, IP67, IK10 metal housing |  | <b>Built-in Microphone</b><br>Two-way audio                                        |  |
| <b>Smart VCA</b><br>Accurate detect incidents                      |  | <b>Vision Object Analytic</b><br>Detect People and Vehicles                        |  |
| <b>Think Search</b><br>Available with cloud platform               |  | <b>Trend-Micro™ IoT Security</b><br>Defend and quarantine vulnerability protection |  |

## See More Details in 5MP Resolution with Robust Design

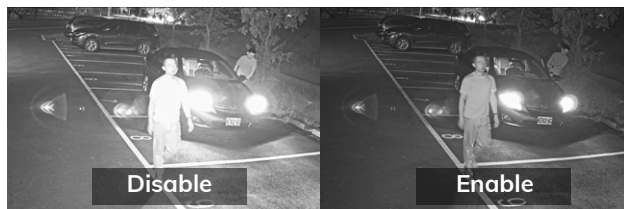
The camera captures object details with clear 5MP images at 30 fps. It features 120 dB WDR Pro for handling high-contrast scenes, Smart IR for optimal exposure, and up to 30 meters of IR coverage for 24/7 surveillance.



Clear details in 5MP Resolution



WDR Pro - Clear imaging under backlight



Smart IR - Balanced IR exposure



### Metal housing with IK10 certification

IK10 metal housing safeguards the camera from vandal attacks and retains its color for a long-lasting, polished look.

## Built for Everyone: Smart, Secure, and Everyday-Ready Solution



+



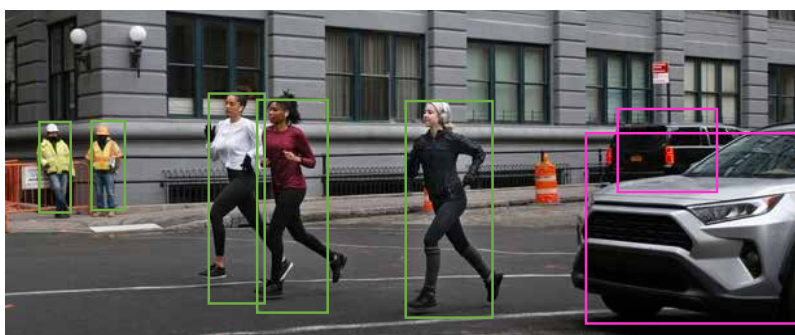
NVR  
CORE+ AI

+

VORTEX  
BY VIVOTEK

### Focus on people and vehicle

Effortlessly detect and distinguish people, vehicles with Vision Object Analytics—designed to prioritize what truly matters.



### Accurate alarm with basic AI analytics



Perimeter intrusion



Fence jump

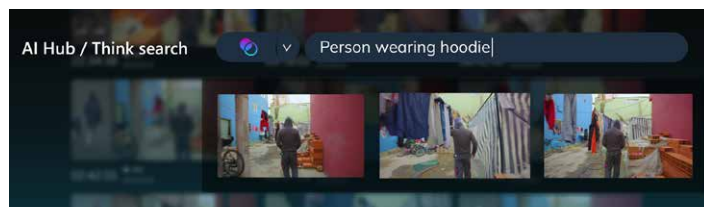


Loitering in critical location



## Find critical footage faster with Think Search

Express thoughts freely and locate events instantly with Think Search. Securely archive critical evidence in the cloud, ensuring data remains protected, searchable, and immediately accessible when it matters most.



## Easy Operation with VORTEX

1

### Camera Plug & Play

Simplify setup and monitor power with built-in PoE NVR.

2

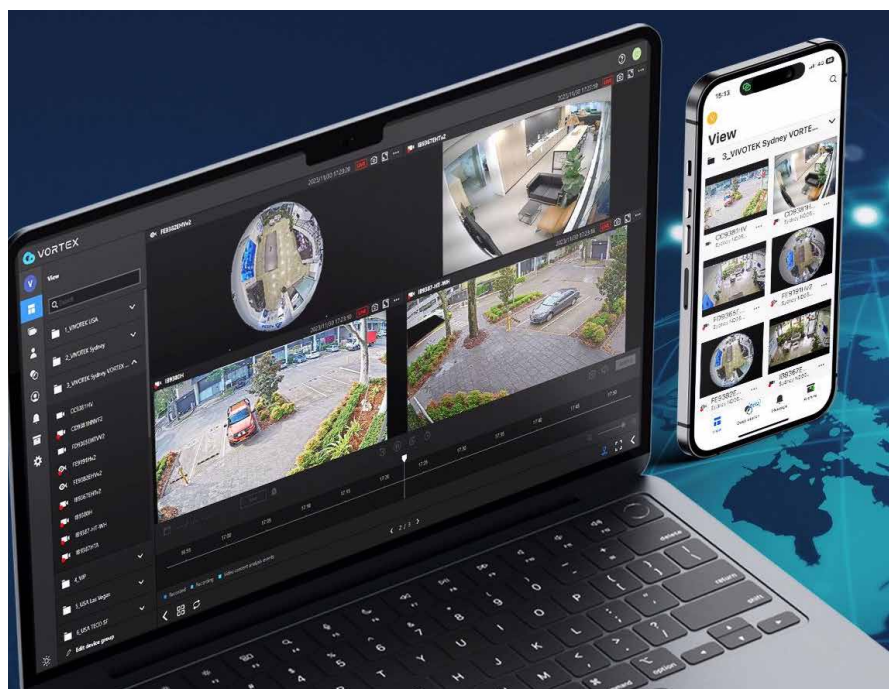
### Download VORTEX app

Get VORTEX app to create your account.

3

### Scan QR code

Connect your NVR to VORTEX cloud platform.



### Any Devices



Web Browser



Mobile App

### Flexible Expansion



Up to 128 Cameras



Up to 10 Users

### Remote Maintenance

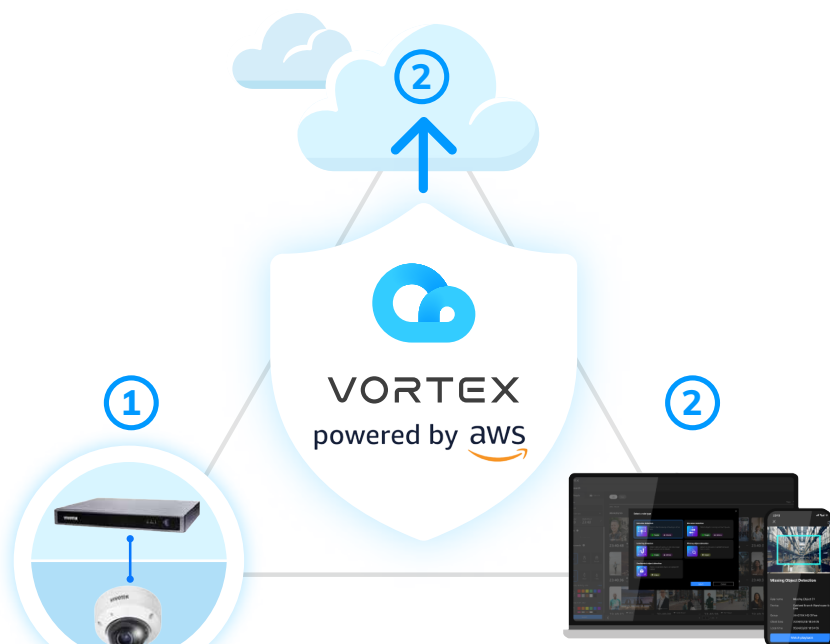


Firmware Updates



Reboot NVR

## End-to-End Security, Secured Operation



Bridge-to-Cloud

### 1 Hardware Security



Trend Micro™ IoT Security



Signed Firmware



Secure Boot

### 2 Connection Security



AES-256



TLS 1.2

### User Authentication



Multi-Factor Authentication (MFA)

## Ordering Information

### On-premise

| Model           | FD9380-HV-V2                                                                      | FD9380-HTV-V2                                                                     | IT9380-HV-V2                                                                      | IT9380-HTV-V2                                                                      | IB9380-HV-V2                                                                        | IB9380-HTV-V2                                                                       |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ID              |  |  |  |  |  |  |
| Form Factor     | Fixed Dome                                                                        |                                                                                   | Turret                                                                            |                                                                                    | Bullet                                                                              |                                                                                     |
| Max. Frame Rate | 30 fps @ 2880x1616                                                                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Lens            | 2.8 mm                                                                            | 2.7 ~ 13.5mm                                                                      | 2.8mm                                                                             | 2.7 ~ 13.5mm                                                                       | 2.8mm                                                                               | 2.7 ~ 13.5mm                                                                        |
| Aperture        | F1.6                                                                              | F1.6~F3.1                                                                         | F1.6                                                                              | F1.6~F3.1                                                                          | F1.6                                                                                | F1.6~F3.1                                                                           |
| HFOV            | 111°                                                                              | 111.0° ~ 32.2°                                                                    | 111°                                                                              | 111.0° ~ 32.2°                                                                     | 111°                                                                                | 111.0° ~ 32.2°                                                                      |
| Illuminators    | 30M IR                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Connector       | Two-way audio, Digital input/output                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| Certification   | IP66, IP67, IK10                                                                  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

### Cloud-native

| Model           | FD9380-HV-V2                                                                       | IT9380-HV-V2                                                                       | IB9380-HV-V2                                                                        |
|-----------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ID              |  |  |  |
| Form Factor     | Fixed Dome                                                                         | Turret                                                                             | Bullet                                                                              |
| Max. Frame Rate | SD: 1280 x 960; HD: : 2880x1616                                                    |                                                                                    |                                                                                     |
| Lens            | 2.8 mm                                                                             | 2.8mm                                                                              | 2.8mm                                                                               |
| Aperture        | F1.6                                                                               | F1.6                                                                               | F1.6                                                                                |
| HFOV            | 111°                                                                               | 111°                                                                               | 111°                                                                                |
| Illuminators    | 30M IR                                                                             |                                                                                    |                                                                                     |
| Connector       | Two-way audio, Digital input/output                                                |                                                                                    |                                                                                     |
| Certification   | IP66, IP67, IK10                                                                   |                                                                                    |                                                                                     |



Contact Us

## Accessory

| Accessory / Model                                                                               | IT9380-HV-V2<br>IT830-HV | IT9380-HTV-V2 | Accessory / Model                                                                                | FD9380-HV-V2<br>FD830-HV | FD9380-HTV-V2 | Accessory / Model                                                                            | IB9380-HV-V2<br>IB9380-HTV-V2<br>IB830-HV |
|-------------------------------------------------------------------------------------------------|--------------------------|---------------|--------------------------------------------------------------------------------------------------|--------------------------|---------------|----------------------------------------------------------------------------------------------|-------------------------------------------|
|  AM-21A (V02) |                          | ✓             |  AM-21A (V02) | ✓                        | ✓             |  AM-312 | ✓                                         |
|  AM-21M (V03) | ✓                        |               |  AM-51D       |                          | ✓             |  AM-412 | ✓                                         |
|  AM-51G       |                          | ✓             |  AM-51G       | ✓                        |               |  AM-523 | ✓                                         |
|  AM-52E       | ✓                        | ✓             |  AM-52E       | ✓                        |               |  AM-71C | ✓                                         |
|  AM-71B       |                          | ✓             |  AM-528       |                          | ✓             |  AM-71E | ✓                                         |
|  AM-71C       | ✓                        |               |  AM-71B       | ✓                        | ✓             |  AM-71F | ✓                                         |
|                                                                                                 |                          |               |  AM-71D       | ✓                        |               |  AM-71K | ✓                                         |
|                                                                                                 |                          |               |  AM-71H (V02) | ✓                        | ✓             |                                                                                              |                                           |