



Immersive Coverage in 360° with digital pan-tilt-zoom

Overview

Our Fisheye Series delivers dynamic viewing experiences by leveraging advanced onboard processing and a wide-angle 12MP image sensor. Users can choose between three viewing modes: panoramic, four-way split and pan-tilt-zoom.

The CF81-E features a rugged, vandal-resistant design, simple installation, and an Ambarella chipset to unlock edge-based analytics for advanced people and vehicle insights.

With these insights, users can quickly filter people detected based on a variety of attributes, including clothing colour, gender appearance, and facial matches as well as vehicles by type and colour. The footage is all processed directly on the camera, meaning results are nearly instant and always accessible.

All our cameras include standard features like end-to-end encryption, onboard storage, and advanced motion-based insights so organizations are able to quickly scale their coverage and increase situational awareness across any number of locations.

Industry-Leading 10-Year Product Warranty

All our hardware purchases are backed by our 10-year limited warranty.

For more information, get in touch with our team via enquiries@ukitnetworks.com | 03443 262 150

Key Features

- 12MP Image Sensor
- Up to 90 days of retention in standard quality
- IK10 and IP67 Rated
- Ambarella Chipset
- NDAA Compliant
- Three View Modes:
 - Panoramic
 - Four-Way Split
 - Pan-Tilt-Zoom
- People Analytics
- Vehicle Analytics
- Onboard Microphone
- 512GB - 2TB of onboard storage



Hybrid Cloud Architecture



No NVR or DVRs

Industrial-grade solid state storage saves up to 365 days of continuous video*

Easy to Scale

Bandwidth friendly and supports thousands of cameras across unlimited locations

Centralised Management

Modern platform enables secure access on any device from anywhere in the world

The reliability of on-camera solid-state storage, with the accessibility of the cloud

Simple to Install

- No NVRs, DVRs, or servers—just a PoE connection
- Cameras come online and configure in minutes
- No added software or complexities like port forwarding

Ready For Scale

- Bandwidth-friendly, using 20–50 Kbps per camera in steady mode
- Scale to thousands of cameras across all locations
- No added equipment needed to support additional cameras

Easy to Use

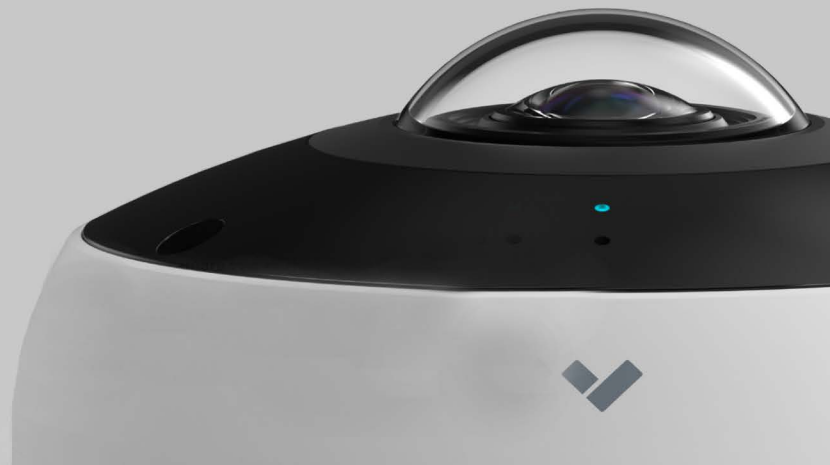
- Centralised management for seamless access vertically anywhere
- No training required to access footage and features
- Find, download, and share footage from any device

No Hidden Costs

- Hardware includes an industry-leading 10-year warranty
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs

Advantages of Cloud-Managed Solution

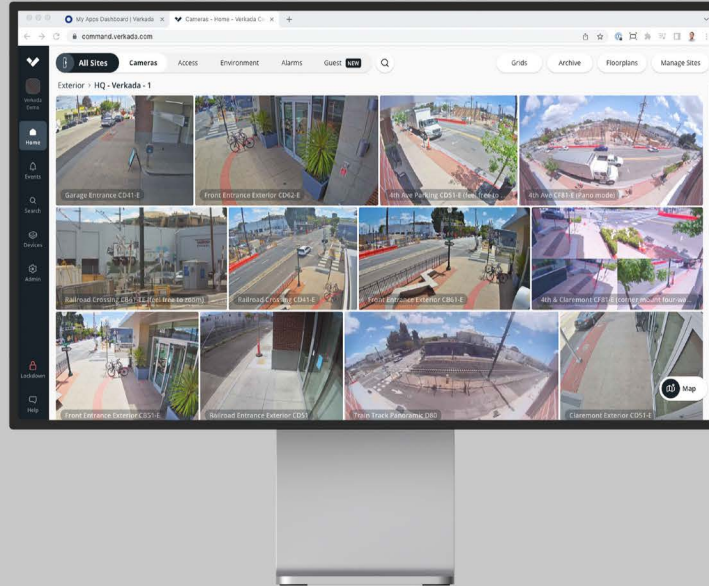
- Secure remote access on any device nearly anywhere
- Real-time alerts if cameras fall offline
- SAML-based integration with single-sign on (SSO) solutions
- Continuous updates with new AI features
- Instantly share live footage via SMS and email
- Live, proactive alerting based on unusual activity
- People counting and heatmaps to visualise your space





Command Platform Overview

All-in-one cloud-based management software for our security cameras



Command, our cloud-based management software, is designed to deliver simple access and management for all cameras and users across all sites from virtually anywhere in the world. From Command, users can set up new cameras, create sites, manage settings, access live and archived footage, manage users, and access the advanced features powered by our edge based analytics.

User Permissions & Account Security

- SAML/OAuth support for single sign-on
- 2-factor authentication options
- User permissions can be controlled at camera, site and organisation levels

Archiving and Sharing

- Command licenses include unlimited cloud archiving
- Easily export any footage in a shareable MP4 format
- Create and share Live Links with first responders

Remote Access

- Access from nearly any device (desktops, smartphones, tablets)
- Native apps for iOS, Android, and our VX52 Viewing Station

Powerful Edge-Based Analytics

- Search footage by date, time, and motion
- Access People and Vehicle Analytics to simplify investigations

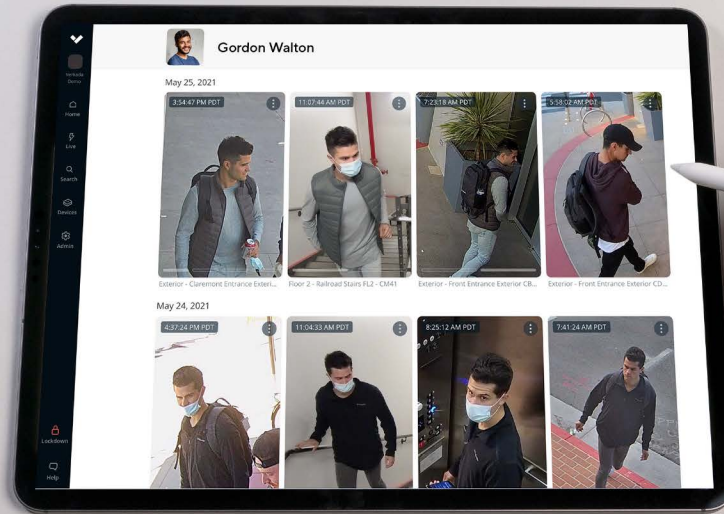
Key Features

- View and manage video from any device (desktop, smartphone, tablet)
- No 3rd party plugins, thick clients, or downloads required
- Encryption in transit (AES 128) and at rest (AES 256)
- No port-forwarding or VPNs
- Detailed user access and audit logs
- Live Link sharing
- Unlimited cloud archiving with footage exports in MP4 format
- Alerts for offline cameras, tampering, and motion detection
- 30-days of cloud backup included



People Analytics

Simplify and speed up investigations
with intelligent people and face detection



Available across our Fisheye Series, People Analytics combines intelligent edge-based video processing with computer vision in the cloud to give users high-quality images of all individuals identified in the scene. With our centralised management platform, customers can filter people by various attributes, including date, time, appearance, clothing colour, backpack detection, and facial matches.

Bring Intelligence to Investigations

Face Search

- Quickly search for matching people by selecting an existing face from your organisation or by uploading an image

Person History

- Browse through high-resolution snapshots of people detected in frame
- Save snapshots or easily access associated full-res video
- Search for matched people across your entire organisation with cross-camera search.

Occupancy Trends

- Estimate how many people cross a customisable digital line on a video feed
- Monitor usage of a space to optimise business operations

Attribute Filters

- Filter based on a range of attributes, including clothing colour, gender appearance, and facial matches

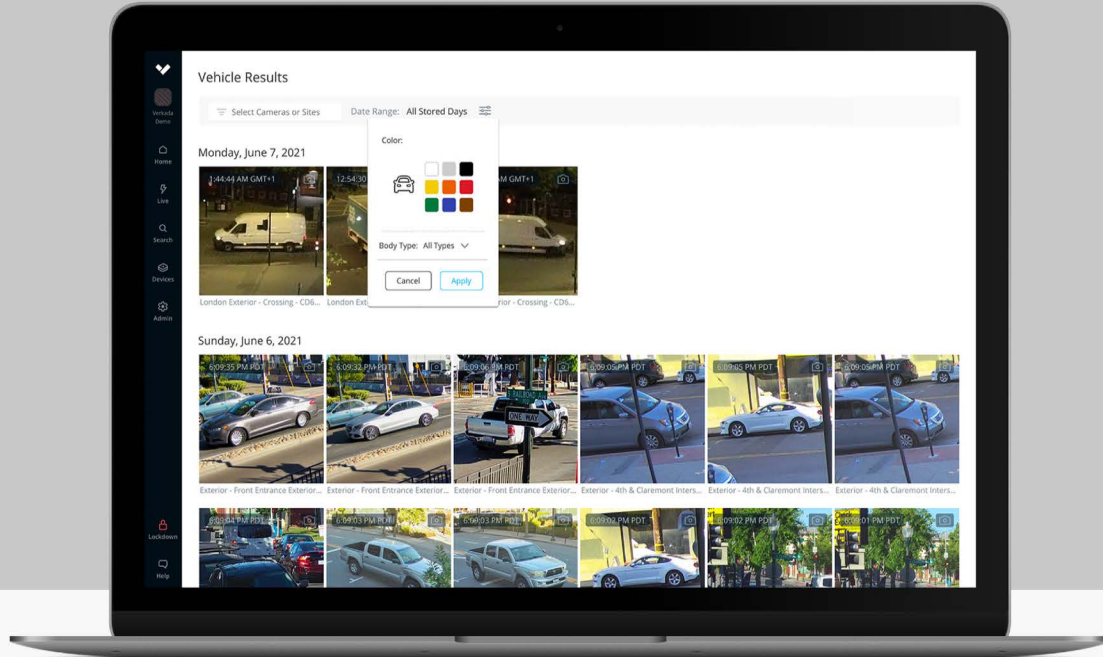
Person of Interest Notifications

- Set up proactive SMS/email notifications for alerting when a matching face is detected by a camera
- Create a person of interest by using an uploaded image or an existing face from your organisation



Vehicle Analytics

Quickly search and filter
to find vehicles of interest



Vehicle Analytics is a powerful edge-based feature that gives users high-quality images of all vehicles identified in the scene. With our centralised management platform, customers can filter vehicles by date, time, vehicle make, colour, and body type.

Find and Filter Vehicles with Ease

Vehicle History

- Browse through high-resolution snapshots of vehicles detected in frame
- Save snapshots or easily access associated full-res video

Investigate Anywhere

- Vehicle Analytics is available from any device and can be accessed from virtually anywhere in the world

Cross-Camera Tracking

- Easily find similar vehicles of interest across all cameras deployed across all sites
- Create and export playback of multiple angles of a vehicle to quickly provide evidence

Attribute Filters

- Filter based on a range of attributes, including vehicle colour, and body type



Fisheye Series Tech Specs



CF81-E

Sensor Resolution*	12MP (4056x3040)
Lens Type	Fixed Zoom
Image Sensor	1/2.3" Progressive CMOS
Focal Length	f=1.18mm
Iris	Fixed
Audio	Yes
Aperture	F2.18
Four-Way Split	AoV: 180°
Pan/Tilt/Zoom	AoV: 180°
Panoramic after LDC**	Horizontal FoV: 175° Vertical FoV: 78°
IR Range	20m / 65ft in low light
Onboard Storage	From 512GB to 2TB
Resistance Rating	FCC, CE - EN55035, IK10, IP67
Dimensions	With Mount Plate: Ø: 155mm x 71.62mm / 6.1in x 2.82in Without Mount Plate: Ø: 155mm x 64.42mm / 6.1in x 2.54in