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|  | CB-650x-x1-IA |
|  |  |
|  | GA FW 17 |



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**Teledyne FLIR LLC**

Antennvägen 6

PO Box 7376, SE-187

15 Täby

Stockholm County, 187 66

Sweden

Support: <https://support.flir.com/>

**Document History**

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| --- | --- | --- |
| Version | Date | Comment |
| 1  2 | May 23, 2024  December 2024 | v1.0.0.17 Controlled Release  v1.0.0.17 Release to GA |
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# Version Content

## Version Details

Firmware version: 1.0.0.17.

## Firmware Version Location

To download the firmware, please contact FLIR Support.

# Supported Products and Platforms

This firmware version supports:

| **Product** | **Description** |
| --- | --- |
| CB-6508-11-IA  CB-6508-21-IA | FLIR Quasar™ Premium 4K Ultra HD Bullet indoor/outdoor camera with IR illumination and AI Video Analytics |
| CB-6505-11-IA  CB-6505-21-IA | FLIR Quasar™ Premium 5MP Bullet indoor/outdoor camera with IR illumination and AI Video Analytics |
| United VMS | Latitude/Horizon/Meridian 9.2.6 and later |
| DNA 2.3.0.33 or later | Discovery Network Assistant—Utility Teledyne FLIR recommends for discovering the camera on the network. |

|  |
| --- |
| **Notes** |
| * In Latitude/Horizon/Meridian, when using Admin Center to discover a  camera, select *FLIR* for Unit Type. * The camera’s web page supports Chrome v.123 and later; Firefox v.123 and later, Edge v.123 and later. |

# Key Features

## Artificial Intelligence (AI)-Enhanced Video Analytics (VA)

1. **Built-in advanced perimeter AI VA**
2. **Classified object types:** Person / Vehicle
3. **Analytic rules powered by AI engine:** Intrusion - Region / Tripwire, Loitering
4. **Simple scene setup:** User defines the height; tilt and rolling are calculated by the camera.

## 4K Ultra HD and 5MP Support

The cameras support up to two high-quality video streams, with H.264, H.265, and MJPEG encoding available. Depending on model, supported stream resolutions range from 640x480 up to 4K or 5MP.

## Enhanced Low-Light Sensitivity & WDR Performance

The cameras are particularly sensitive and provide high-quality images even in low-light conditions, extending the amount of time they can remain in daytime mode and stream color video. In addition, they support Shutter (True) WDR and noise reduction.

## Camera Web Localization

The camera web page is now available in English, Spanish, Simplified Chinese, Traditional Chinese, French, Arabic, Russian, or Portuguese.

# Upgrading the Camera Firmware

To upgrade the camera firmware, you can use the camera’s web page, or you can use DNA v2.3.0.33 or later. You can download the current GA version of DNA 2.3.0.33 or later on the FLIR website.

To upgrade using the camera’s web page:

1. Access the camera’s web page and log in.
2. On the View Settings home page, click **System Setting**.
3. Open the **Firmware & Info** page.
4. Under Firmware Upload, click **Find file**.
5. On your computer or network, browse to and select the firmware file; for example, *olivaw.1.0.0.17\_20240403\_212405*.
6. Click **Upgrade**.

To upgrade using DNA:

1. Run v2.3.0.33 or later of DNA.
2. Upgrade the firmware according to the instructions in the *DNA User Guide*. While the software is open, click the Help icon .

# United VMS Compatibility

UVMS 9.2.6 or later offers support for CB-650x.

# Known Issues

|  |  |
| --- | --- |
| **Issue** | **Comments** |
| We recommend to setting the Background Heater Control to Auto. |  |
| In order to avoid cyber security vulnerabilities linked to passwords, any changes to the default password on the camera must be made within a closed and secure network or LAN. |  |
| SoE > Snapshot event is not supported. |  |
| When creating a new alarm, clicking Save creates an additional alarm. |  |
| Loitering > If there are several zones defined, the notifications that are sent by ONVIF do not include the zone name. |  |

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