Release Note

Discovery Network Assistant (DNA) V2.2.1.9

Ver. 1 February 19, 2019

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Document History

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1. Introduction

FLIR's **DISCOVERY NETWORK ASSISTANT (DNA)** provides initial setup and parameter maintenance for the FLIR SECURITY range of cameras.

This release of FLIR DNA V2.2.1 provides updates required for releases of new products within the FLIR thermal and enterprise groups.

2. Product Features

2.1 Camera Support

2.1.1 Improved support to TruWITNESS Hub

Limitations from previous DNA version 2.2.0 relating to manual discovery of the TW Hub were fixed in this version.

DNA-93	TW Hub – fixed issue with firmware upgrade where file filter was set to Quasar and HD series not to TW
DNA-100	TW Hub – add device manually – fixed issue where update credentials button was disabled
DNA-99	TW Hub – Add device manually – fixed issue where FW button was disabled
DNA-97	TW Hub – Add device manually – fixed issue where adding a device with default credentials resulted in access denied

2.1.2 Added support for analytics license update Quasar fix box and Ariel gen iii

A new firmware with basic analytics support was released for Ariel gen iii and Quasar fixed box cameras. The analytics capability requires a license in the camera.

When one or more cameras capable of using basic video analytics is/are selected, the DNA Firmware screen allows the user the license file name or for multiple cameras the location in which the basic video analytics license files have been stored and load the license file to the camera.

License file/s can be obtained from FLIR Operations.

3. Supported cameras

This version sees no change in the plugins supporting the various cameras. There has been no new plugin added.

Important notice: cameras which are no longer supported in this DNA version can still be supported by the previous DNA version 2.1.3.15 which can be found in https://flir.box.com/v/vLegacyDNA

3.1 Supported Devices

This section contains the comprehensive list of supported cameras. For the supported features per camera please consult the camera firmware release notes.

3.1.1 Thermal cameras

- *Saros - DH-390 2MP*
- *F-Series ID*
- *FB-Series O*
- *FB-Series ID – New models added*
- *FC-Series ID **
- *FC-Series O*
- *PT-Series HD & PT-602CZ HD*
- *CP-5302 - New*
- *PT, D, F, FC-S, FC-R, A310PT cameras - supports discovery & IP setup with latest released FW ***

* FLIR FC-Series ID is supported for FW upgrade from version V2.0.3 P06 and above, for older versions use the FC-Series ID Legacy Upgrade Tool which can be found here.

** DNA Factory defaults (either full or partial) should not be used for these cameras *as it may damage them.*

3.1.2 Enterprise cameras

3.1.2.1 Quasar Gen III cameras

- CP-6302
- CM-6308-P1-I
- CF-6308

3.1.2.2 Ariel Gen III cameras

- *CB-3304*
- *CM-3304*
- *CB-3308*
- *CM-3308*

3.1.2.3 ioi HD cameras

- *CB-5222*
- *CF-5222*
- *CF-5212*

3.1.2.4 ioi encoders

- *ioi-TRK-101*
- *ioi-TRK-101-P*

3.1.2.5 ioi SD cameras

- *ioi sc1dn-S camera*

3.1.2.6 Quasar Gen II cameras

- *CB-6204-11-I*
- *CM-6204-11-I*
- *CM-6204-11-I-RO*
- *CB-6208-11-I*
- *CM-6208-11-I*
- *CM-6212*
- *CM-6206*

3.1.2.7 Ariel Gen II cameras

- *CB-3102*
- *CM-3102*
- *CC-3103-01-I*

3.1.2.8 Quasar Gen I cameras

- *CM-3211*
- *CM-4221*

- *CM-4251*
- *CM-4321*
- *CP-3211*
- *CP-4221*
- *CF-3211*
- *CF-4221*
- *CF-4251*

3.1.2.9 Ariel Gen I cameras and encoders *

- *EN-204*
- *EN-216*
- *CM-3011*
- *CB-3011*

**Ariel gen i requires separate WinPcap installation which is no longer part of the DNA. Users should download and install WinPcap separately or use the* previous DNA version (2.1.3.15) which can be found here.

Note: If a camera is set to DHCP Out of the box and there is no DHCP server, the camera will not be discovered. In such case the user should set his PC to the same NW as the camera DHCP default IP to see the camera.

Note: Midas, Verint, ioi-Thermal and PRO Visible cameras are no longer supported in this DNA. FW upgrade to Quasar gen i-1 with FW older than 20140914 cannot be done with this DNA.

These cameras can still be supported by the previous DNA version 2.1.3.15 which can be found here.

4. Supported Operating Systems

The DNA can run on a Windows machine which sports one of the below Operating Systems:

- *Windows 7 Professional SP1 - 64 bit*
- *Windows 8.1 Pro - 64 bit*
- *Windows 10 Pro - 64 bit*
- *Server 2008 R2 SP1 - 64 bit*
- *Server 2012 R2 - 64 bit*
- *Server 2016 - 64 bit Standard Edition*

5. Fixed Issues

Bug ID	Description
DNA-100	When added manually the TWW Charging hub the update credentials button is disabled
DNA-99	When added manually the TWW Charging hub the FW button is disabled
DNA-97	Add device manually of TWW charging hub with default credentials result in access denied
DNA-93	TW Charging Hub Firmware upgrade file filter is set to Quasar and HD series, need to make a filter only for TW

6. Known Issues and Limitations

Bug ID	Description
DNA-62	PT-HD - after the DNA sends a message "Upgrade completed". You must wait another 5 minutes to fully finish the upgrade
DNA-129	FB Series ID non consistent camera name change via DNA
DNA-77	Support to 5th imager - cannot upgrade 5th Imager firmware from DNA. Upgrade should be performed from the camera web interface.
DNA-32	Assign IP – sometimes assign an IP address already in use
DNA-12	PT-HD – sometimes DHCP is not updated until a refresh
DNA-91	HTML export page does not include temperature column
DNA-92	There is no WinPcap installation needed for Ariel gen i
DNA-84	CP- 5302-31-I - IP setup – DHCP - shows rebooting even though IP address has been assigned
DNA-85	EN-204 - DHCP to DHCP ends in error
DNA-80	CC-3103-01-I – DNA shows “Format not updated” even though format has been changed
DNA-98	CC-3103-01-I - after assign IP unit is not authenticated
DNA-81	CM-3304-21-I – IP setup – DHCP - shows rebooting even though IP address has been assigned
	DNA cannot assign IP when TW Hub is in limited access state. This is a FW issue in the Hub.

7. Disclaimer

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