



Discovery Network  
Assistant (DNA)

# Release Notes

Version 2.1.3.15

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#### Document History

Version	Date	Comment
1	August 29, 2017	Initial FLIR release

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# Table of Contents

<b>1</b>	<b>What's New in this Version.....</b>	<b>4</b>
<b>2</b>	<b>Version Content .....</b>	<b>6</b>
2.1	DNA Software Location .....	6
<b>3</b>	<b>Support for New Cameras .....</b>	<b>8</b>
<b>4</b>	<b>New Features .....</b>	<b>9</b>
<b>5</b>	<b>Supported Devices and Operating Systems.....</b>	<b>10</b>
<b>6</b>	<b>Known Issues and Limitations in the Current Release .....</b>	<b>14</b>
<b>7</b>	<b>Known Issues and Limitations in Previous Releases.....</b>	<b>16</b>
<b>8</b>	<b>Known Issues and Limitations from Releases Prior to 2.1.1x .....</b>	<b>18</b>
<b>9</b>	<b>Disclaimer.....</b>	<b>20</b>

# 1 What's New in this Version

- In this version we added support to the following cameras. Please see section 3 Support for New Cameras for details and limitations:
  - FB-Series O thermal camera\*
  - PT-Series HD cooled multi-sensor camera
  - FC-Series O thermal camera
  - Ariel CC-3103 camera
  - Quasar CF-6308 camera
  - Ariel CM-3304 camera
  - Ariel CM-3308 camera
  - Ariel CB-3304 camera
  - Ariel CB-3308 camera
  - Quasar CM-6212 camera
  - Quasar CP-6302 camera

\* See limitations



## 2 Version Content

This release note covers [New devices support](#), [New Features](#), [Known Issues and Limitations in the Current Release](#), [Known Issues and Limitations in Previous Releases](#), and [Known Issues and Limitations from Releases Prior to 2.1.1.x](#).

### 2.1 DNA Software Location

The DNA software can be downloaded from [here](#). The DNA User Manual can be downloaded from [here](#).



## 3 Support for New Cameras

This release supports the following new cameras:

- FB-Series O thermal camera \*
- PT-Series HD cooled multi-sensor camera
- FC-Series O thermal camera
- Ariel CC-3103 camera
- Quasar CF-6308 camera
- Ariel CM-3304 camera
- Ariel CM-3308 camera
- Ariel CB-3304 camera
- Ariel CB-3308 camera
- Quasar CM-6212 camera
- Quasar CP-6302 camera

Limitations:

\* Out of the box if camera is set to DHCP 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.



## 4 New Features

This version comprises integration of new models, there are no changes to the user interface in this version

## 5 Supported Devices and Operating Systems

- Thermal cameras
  - FB-Series O cameras \*
  - FC-Series ID cameras \*\*
  - FC-Series O cameras
- Thermal multi-sensor cameras
  - PT-Series HD cooled cameras
- Quasar Gen III cameras:
  - CF-6308 camera
  - CP-6302 camera
- Quasar Gen II cameras:
  - CB-6204 camera
  - CB-6208 camera
  - CM-6204 camera
  - CM-6208 camera
  - CM-6212 camera
- Quasar Gen I cameras:
  - CF-3211 camera
  - CM-3211 camera
  - CP-3211 camera
  - CF-4221 camera
  - CM-4221 camera
  - CP-4221 camera
  - CF-4251 camera
  - CM-4251 camera
  - CM-4321 camera
- Ariel Gen III cameras:
  - CM-3304 camera
  - CM-3308 camera
  - CB-3304 camera
  - CB-3308 camera
- Ariel Gen II cameras:
  - CB-3102 camera
  - CM-3102 camera
  - CC-3013 camera

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- Ariel Gen I cameras and encoders:
    - EN-204 encoder
    - EN-216 encoder
    - CM-3011 camera
    - CB-3011 camera
  - ioi HD cameras:
    - CB-5222 camera
    - CF-5222 camera
    - CF-5212 camera
  - ioi encoders:
    - TRK-101 ioi encoder
    - TRK-101-P ioi encoder
  - ioi sc1dn-S camera
  - FLIR N133 Series
    - N133ED
    - N133EB
    - N133BD
  - FLIR N233 Series
    - N233BE
    - N233VE
    - N233ZC
    - N233ZD
  - FLIR N237 Series
    - N237BE
    - N237VE
  - FLIR N243MW2
  - FLIR N336ZD1
  - FLIR N347VW4
  - FLIR N437 Series
    - N437BDL
    - N437VDL
    - N437VEW
  - FLIR DNZ30TL2R PTZ camera
  - HD Classic cameras
  - HD Elite cameras
  - Pro Line MPEG-4 encoders and decoders
  - Pro Line A encoders and cameras

- EV series H.264 single-port and multi-port encoders and decoders
- EA-201 series encoders

This version also supports the following operating systems (64-bit only):

- Windows 7
- Windows 8 and 8.1
- Windows 10
- Windows Server 2003
- Windows Server 2008
- Windows Server 2012 R2

Limitations:

\* Out of the box if camera is set to DHCP 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.

\*\* FLIR FC-ID is supported from FW V2.0.3 P01 only, for older versions use the FC-Series ID Legacy Upgrade Tool



## 6 Known Issues and Limitations in the Current Release

Following are the known issues since the previous GA release (2.1.2.13).

BUG ID	SUMMARY	COMMENTS
	FLIR FC-ID is supported from FW V2.0.3 P01 only	Limitation. For older FW use the FC-Series ID Legacy Upgrade Tool
	When FLIR FB-O is set to DHCP and there is no DHCP server on the network it cannot be discovered out of the box	Limitation. Set PC to same NW as camera default IP
42743	All FLIR cameras (including FC-ID) > It is not possible to change credentials.	Limitation. Use the camera UI.
42745	It is possible to set duplicate IP addresses.	Limitation
42750	FLIR visible cameras > The temperature is not displayed in the <i>Properties</i> window.	Limitation
43343	FC-ID > Changing video settings > Unit model name does not change when changing the video format.	Limitation
43344	Change Credentials > When setting a new admin password in the web, DNA discovers the unit as authenticated. DNA can manage the unit with new issues even though the admin password has changed.	Limitation
43347	<b>Properties</b> window > The temperature is not displayed correctly.	
43378	FC-ID > Cannot perform batch firmware upgrade when PAL and NTSC units are in the same batch.	Limitation. Do Batch upgrade of PAL and NTSC units separately.
43379	FC-ID > When the camera's internal server is disabled, the unit is discovered as "Offline".	Limitation
43436	N-series > Adding a device manually result in unit not being authenticated and a status error.	
43437	N-series > Hostname cannot be updated, although DNA displays that the device was updated.	
43438	N-series > In <b>Properties</b> window, the correct mask and gateway IP addresses are not displayed.	
43439	N-series > In <b>Properties</b> window, setting a new IP address always results in status displayed as "Host name not updated", although the IP address was updated properly.	
43440	N-series > Partial factory default doesn't work.	
43441	N-series > Full factory default doesn't work.	

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BUG ID	SUMMARY	COMMENTS
44721	CP-6302-31-I > FW FS20170630NRS > Up-time is not displayed	
44748	PT-HD > FW v1.2.1.tc07 > Assign IP > DHCP > From limited access to DHCP, the Assign IP process ends successfully, but the new DHCP IP is not updated. The unit details are updated only after refreshing DNA.	

## 7 Known Issues and Limitations in Previous Releases

Following are the known issues in previous releases 2.1.1.x and 2.1.2.x.

BUG ID	SUMMARY	COMMENTS
42741	FC-ID > After full factory default, units should be displayed with the same default IP or the DHCP-assigned IP address.	
42816	FC-ID > When unit is added manually, the Assign IP function is not supported.	
42817	DNA stopped operating during the Assign IP process.	
42946	FC-ID > After full factory default, the model number is not displayed in the Discovery list.	
42950	FC-ID > Not authenticated units displayed "Error" status instead of "online" status when discovered, then the status changes to "Online" after a few seconds.	
43008	Pro Line A > It is not possible to change the Video Format on these units.	
34170	DNA doesn't discover the name of a limited access unit.	Limitation
41202	Occasionally the switch firmware (switch.bin) for PTZ fails when upgrading from Quasar dt20120118NSA or higher firmware to any firmware up to or including dt20141119NSA.	Limitation
41253	WinPcap can be installed automatically only with Admin privileges.	Limitation
41257	When upgrading the firmware of a Quasar PTZ camera from dt20120914NSA to dt20141119NSA, a status message "Upgrading to Transition Firmware" is displayed.	
41266	It is not possible to assign an IP address on an Ariel CB-3102/CM-3102 camera that is not authenticated.	Limitation
41382	When setting an IP of a second NIC to a camera set on the first NIC, the procedure times out.	Limitation
41407	ioi Thermal camera reboots when trying to set a camera to DHCP when it's already configured in DHCP.	
41408	DNA did not check the IP address when the same IP was assigned from the second NIC IP.	Limitation
41416	DNA occasionally crashes when configuring ioi units.	
41418	DNA did not discover a Pro Line A device that was added manually from a different VLAN.	
41432	It is possible to complete the firmware upgrade process with an invalid firmware file on a Quasar camera.	
41449	ioi – There is no warning message that the user cannot downgrade firmware.	
41485	Horizon and Meridian – DNA fails when pressing the Refresh button.	



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BUG ID	SUMMARY	COMMENTS
41486	Ariel CB/CM-3102 – Occasionally, DNA does not assign an IP address when DHCP is enabled after hard factory reset.	Retry or enter static IP address.
41499	Win 2008 (32-bits) – It is not possible to discover Quasar CB/CM-620x and Ariel CB/CM-3102 devices.	
42169	FLIR Plugin doesn't discover Dahua cameras.	
42171	FLIR units are not discovered when the IP is not in the VLAN range.	
42172	DNA doesn't discover the units when they are set to DHCP (by default) and there is no DHCP server.	

## 8 Known Issues and Limitations from Releases Prior to 2.1.1x

The following issues and limitations exist from releases prior to 2.1.1.x:

BUG ID	SUMMARY	COMMENTS
N/A	CB/CM-3011 – Broadcast protocol (SADP Protocol) is disabled by default on Windows 8.1 and Windows Server 2012.	Limitation-Use a different OS.
20541	It is not possible to upgrade firmware on MPEG4 Pro Line units.	Limitation
20617	HD Classic update firmware is not supported.	Limitation
20919	The Web feature is enabled for units that do not have a web interface.	Limitation
25375	An invalid IP number can be assigned to a unit.	Limitation
25377	Only the camera icon is displayed.	Limitation
25380	When manually adding an IP address that ends with ".0" from a different VLAN, all units from that VLAN are added.	Limitation
25381	EV-116 > DNA does not support "Performs Mode" change function. This process is functional only through the Pro Line Configurator.	Limitation
29244	CP-4211/CP-3211->There is no option to "Restore factory settings (excluding network and PTZ settings)" as an Administrator.	Limitation
29713	The Discovery list does not display setup updates that occur outside of DNA, such as the unit's firmware version.	Limitation
29749	ioi - 'Up time' is not displayed for ioi units that were added manually from another VLAN.	Limitation
30061	HD-PTZ - When upgrading from dt20120914NSA to dt20131021NSA, some parameters (Max gain, Shutter priority and ICR functions) were not saved and the DNA log did not mark them as an error.	Limitation
30179	When setting the IP address on a unit in another VLAN, DNA did not check if the IP already exists.	Limitation
30213	It is not possible to filter an already filtered Discovery list.	Limitation
30291	The .ini file is case sensitive and commands will not be enabled if not written in lower case.	Limitation
30784	ioi - It's possible to set an ioi unit name using meta-characters in DNA, but it is not possible from the unit's web page.	Limitation-Use only legal English characters
31568	HD Classic - It is not possible to add a unit from a different VLAN when the unit is set with DHCP.	Limitation
31572	HD Classic - After partial factory default, the unit's name is stuck, even after refresh.	Limitation

Bug ID	SUMMARY	COMMENTS
31582	Pro Line A - It is not possible to set a static IP address when using DNA.	Limitation
31894	If a unit does not use HTTP port 80, DNA discovers all units in Limited Access mode or in Error mode. It cannot assign that unit an IP address or configure the unit.	Limitation
33944	When a Quasar unit is in Limited Access mode and the unit is set to DHCP mode, but there is no DHCP server on the network, the Device Properties window indicates Static IP instead of DHCP.	Limitation
34142	ioi Thermal CT-5320-9-40PT - It was not possible to perform a partial factory default, only a full factory default.	Limitation
34276	When using a Low priority NIC, setting an IP on the High priority NIC results in a status error for all units as not authenticated.	Limitation
34280	On ioi Thermal units, occasionally it not possible to set an IP when the unit is not authenticated.	Limitation- Reboot the unit in order to set the IP
34281	It is not possible to set the video format on units that are not authenticated.	Limitation
34285	When upgrading Quasar units from dt20120914NSA or lower versions, the Firmware Transition is displayed in the Discovery list during the upgrade.	Limitation
34317	EN-204/EN-216 - Units are not discovered on DNA for the first time with WinPcap 4.1.3 installed on units running Win 2012, Win 8.1, Win 8, Win 2008 in Limited Access mode.	Limitation- Reinstall WinPcap
34350	An HD Classic unit cannot be added manually.	Limitation
34365	Ariel CM-3011/CB-3011 - "Unit uptime" is not displayed.	Limitation
38532	An invalid IP number can be assigned.	Limitation
38943	DNA 2.1 > The discovery of some Quasar units can take over one minute after all other units are discovered.	
39006	Server 2012 and Win 8.1 - It is possible to open DNA only with the Admin password.	Limitation

## 9 Disclaimer

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