



Qognify VMS Release Notes

New Supported IP Devices 12.2.54.14

Document Identification	
Release Version:	IP Plugin Package 12.2.54.14
Distribution Status:	For External Use
Revision No.	Rev 1
Issue Date:	23/12/2020

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1 Overview

This Release Notes document describes the newly Generally Available release of the Qognify VMS IP edge device package. This is an update for the VisionHub, NiceVision, and Fast IP edge devices portfolio.

NOTE: Information about all previous versions is available in *Qognify VMS IP Devices Release Notes History*.

1.1 Supported Product Versions and OS

Table 1-1: Supported Versions and Operating Systems

Product	Versions	OS
NiceVision	NET 3.2 UP1, Net 3.2, Net 3.1, Net 3.0, Net 2.7 & UPs, Net 2.5 & UPs	See the latest product Release Notes or System Requirements documents
VisionHub	4.x, 5.x	See the latest product Release Notes or System Requirements documents
FAST	6.5 (PP5 onwards), 6.7 (PP2 onwards)	See the latest product Release Notes or System Requirements documents

NOTE: Windows 2003 is no longer supported by the IP plugin. Microsoft ended support for the Windows Server 2003 operating system on July 14, 2015. The latest plugin release that supports Windows 2003 is **v12.1.21.36534**.

1.2 Important Notes

- The Plugin Installer now installs NMS Data Collector on all recorders from NiceVision NET 2.0 and later, to support the Time-Zone and MSVR features in VisionHub. NMS Data Collector requires .NET 4.6.2 and later.
- In N + 1 configuration, all members of the cluster (including the RNVR) must use the same plugin release.
- 4K cameras support is available for VisionHub v5.1 and later.
- For FAST VMS: PTZ devices with “digest” authentication must be configured (via the camera web page) to “Basic” mode authentication, to allow PTZ functionality.

2 What's New

2.1 New Devices

Table 2-1: New IP Devices in Version 12.2.54.14

Vendor	Device Name	Firmware Version	Compression
Bosch	FLEXIDOME IP starlight 8000i 6MP	18510760	H.264
Pelco	IMP331-1ERS	02.35.1.7.1298	H.264
Lumenera	LE578CP-DN	1.8.1.12	H.264
Hikvision	DS-2CD2185FWD-IS (Onvif)	V5.6.5 200316	H.264
Hikvision	DS-2CD2025FWD-I (Onvif)	V5.6.5 200316	H.264
Hikvision	DS-2CD2125FWD-IS (Onvif)	V5.6.0 190507	H.264
Hikvision	DS-2CD2045FWD-I (Onvif)	V5.6.0 190507	H.264
Hikvision	DS-2CD2145FWD-IS (Onvif)	V5.6.0 190507	H.264
Hikvision	DS-2DE7230IW-AE (Onvif)	V5.6.15 191211	H.264
Hikvision	DS-2DE3A404IW-DE/W (Onvif)	V5.6.15 191211	H.264
Hikvision	DS-2DE5220I-AE (Onvif)	V5.6.15 191211	H.264
Hikvision	DS-2DE5220IW-AE(Onvif)	V5.6.15 191211	H.264

2.2 Known Limitations

Table 2-2: Known Limitations

Vendor	Device Name	Description
Bosch Hikvision	All devices	Some offered stream settings (resolutions, frame rates, etc.) might not be valid for some of the video streams or channels. Please check the device's web interface for valid settings and configure these settings in NiceVision or VisionHub.
Lumenera	LE578CP-DN	Video streaming is only supported

2.3 Updates per Device

Table 2-3: New Features in Version 12.2.54.14

Vendor	Device Name	Updates
Live555	Generic RTSP	For multiple RTSP channels support on different ports using generic parameters, refer to Special Instructions for Live555 - Generic RTSP

2.4 Fixed Defects

Table 2-4: Fixed Defects

Defect ID	Vendor	Device Name	Description
Bug 152803	ONVIF	Various devices	Camera issues occur if cameras are added through Onvif and device capabilities changed due to firmware upgrade, or changing the operation mode of the camera.
Bug 152006	ONVIF	Various devices	Streaming may freeze if Dual Streaming is enabled on cameras added through Onvif

2.5 Special Instructions for Live555 - Generic RTSP

The following is an example of *GenericParams.xml* for a device that supports different ports for each channel

```
<?xml version="1.0" encoding="utf-8"?>
<!-- For Detailed Instructions Regarding GenericParams, Please Reffer To Release Notes Document -->
<PluginConfig>
  <Channels>
    <Channel id="1">
      <Stream id="1">
        <RTSP":9001/live"</RTSP>
      </Stream>
      <Stream id="2">
        <RTSP""</RTSP>
      </Stream>
    </Channel>
    <Channel id="2">
      <Stream id="1">
        <RTSP":9002/live"</RTSP>
      </Stream>
      <Stream id="2">
        <RTSP""</RTSP>
      </Stream>
    </Channel>
    <Channel id="3">
      <Stream id="1">
        <RTSP":9003/live"</RTSP>
      </Stream>
      <Stream id="2">
        <RTSP""</RTSP>
      </Stream>
    </Channel>
    <Channel id="4">
      <Stream id="1">
        <RTSP":9004/live"</RTSP>
      </Stream>
      <Stream id="2">
        <RTSP""</RTSP>
      </Stream>
    </Channel>
  </Channels>
</PluginConfig>
```

2.6 General Limitation - Disabled Vendors

The following vendors are disabled due to a limitation of supporting up to 100 vendors in the recorder:

- **Group 1:** Camlux, Castel, Commend, Emcom, Emza, Mavix, Usag, Vista, Bwt, Cohu, Seriom

If one of the disabled integrations is required, you can use the following workaround to enable the vendor (for example, if you still use the Commend vendor).

▶ To enable a disabled vendor:

1. After installing the plugin on the SVR, open
{Program Files (x86)\SecuritySystem\Recorder\Bin}.
2. Find **_IpCam_Commend_Mjpeg.dll** and **_IpCam_Commend_Mjpeg.xml**.

3. Remove the underscore character at the beginning (for example, Special Instructions for Panasonic Cameras **IpCam_Commend_Mjpeg.dll** and **IpCam_Commend_Mjpeg.xml**)
 4. Start the SVR service.
- **Group 2:** AMG Panogenics, Basler, Aties, Cieffe, Everfocus, Flexwatch, Galaqtion, Inter-M, Plustek, Siemens.
- If one of the disabled integrations is required, contact the Support team and ask to modify "**IpCam_MediaRTP.xml**"

3 Appendix: IP Device Identifiers

Table 3-1: IP Device Identifiers (VisionHub and Net 2.5 and later)

XML & DLL	Version
IpCam_Adam.dll+xml	12.2.54.14
IpCam_Arecont_H264_Http. dll+xml	12.2.54.14
IpCam_Arecont_Mjpeg. Xml	12.2.54.14
IpCam_Arecont_Mjpeg. Dll	12.2.54.14
IpCam_Avigilon. dll+xml	12.2.54.14
IpCam_HTTP_Mjpeg_OTO.dll+Xml	12.2.54.14
IpCam_Pelco_Mpeg4. dll+xml	12.2.54.14
IpCam_MediaRTP. dll+xml	12.2.54.14
IpCam_Infinova_Mpeg4. dll+xml	12.2.54.14
IpCam_Vivotek. dll+xml	12.2.54.14
IpCam_SightLogix. dll+xml	12.2.54.14
IpCam_Panasonic_Mpeg4. dll+xml	12.2.54.14
IpCam_Panasonic_Mjpeg. dll+xml	12.2.54.14
IpCam_VCS_H263. dll+xml	12.2.54.14
IpCam_ACTi_Mpeg4. dll+xml	12.2.54.14
IpCam_Screen_Encoder. dll+xml	12.2.54.14
IpCam_Qihan. dll+xml	12.2.54.14
IpCam_AXIS_Mpeg4. dll+xml	12.2.54.14
IpCam_HikVision_SDK. dll+xml	12.2.54.14
IpCam_WiseEye_Mjpeg. dll+xml	12.2.54.14
IpCam_Qihan. dll+xml	12.2.54.14
IpCam_Http_Mjpeg. dll+xml	12.2.54.14
IpCam_Sanyo_H264. dll+xml	12.2.54.14
IpCam_COHU. dll+xml	12.2.54.14
IpCam_Honeywell_Mpeg4. dll+xml	12.2.54.14
IpCam_Iolmage_Mpeg4. dll+xml	12.2.54.14
IpCam_JVC_mjpeg. dll+xml	12.2.54.14
IpCam_Siemens_Mpeg4. dll+xml	12.2.54.14
IpCam_HCL.dll	12.2.54.14
IpCam_NVE1008_Encoder.dll	12.2.54.14
IpCam_Seorim_Mpeg4.dll+xml	12.2.54.14
IpCam_Siqura_Encoder. dll+xml	12.2.54.14
IpCam_USAG. dll+xml	12.2.54.14
IpCam_Cisco. dll+xml	12.2.54.14
IpCam_Camlux.dll+xml	12.2.54.14
IpCam_Secura.dll+xml	12.2.54.14

XML & DLL	Version
IpCam_ONVIF_Generic.dll	12.2.54.14
IpCam_Samsung_Mpeg4.dll+xml	12.2.54.14
PelcoCOM.dll	12.2.54.14
PelcoCOM.XmlSerializers.dll	12.2.54.14
AV2000SDK.dll	2.9.4.5
HCNetSDK.dll	3.5.0.7
HHNetClient.dll	6.3.10.1
nexusSDK.dll	3.1.1.0
FrBrTables.xml	NA
VideoStreamAttributes.xml	NA
FrBrRestrictions.xml	NA

Table 3-2: IP Device Identifiers (Net 2.0 and 10.8)

XML & DLL	Version
IpCam_Adam. dll+xml	10.8.117.16
IpCam_Arecont_H264_Http. xml	10.8.117.16
IpCam_Arecont_H264_Http. dll	10.8.117.16
IpCam_HTTP_Mjpeg_OTO. dll+xml	10.8.117.16
IpCam_Pelco_Mpeg4. dll+xml	10.8.117.16
IpCam_MediaRTP. dll+xml	10.8.117.16
IpCam_Infinova_Mpeg4. dll+xml	10.8.117.16
IpCam_Vivotek. dll+xml	10.8.117.16
IpCam_SightLogix. dll+xml	10.8.117.16
IpCam_Panasonic_Mpeg4. dll+xml	10.8.117.16
IpCam_VCS_H263. dll+xml	10.8.117.16
IpCam_ACTi_Mpeg4. dll+xml	10.8.117.16
IpCam_Screen_Encoder. dll+xml	10.8.117.16
IpCam_Qihan. dll+xml	10.8.117.16
IpCam_AXIS_Mpeg4. dll+xml	10.8.117.16
IpCam_HikVision_SDK. dll+xml	10.8.117.16
IpCam_WiseEye_Mjpeg. dll+xml	10.8.117.16
IpCam_Teleste_Encoder. dll+xml	10.8.117.16
IpCam_Http_Mjpeg. dll+xml	10.8.117.16
IpCam_Sanyo_H264.dll+xml	10.8.117.16
IpCam_COHU. dll+xml	10.8.117.16
IpCam_Honeywell_Mpeg4. dll+xml	10.8.117.16
IpCam_Iolmage_Mpeg4. dll+xml	10.8.117.16
IpCam_JVC_mjpeg. dll+xml	10.8.117.16

XML & DLL	Version
IpCam_Siemens_Mpeg4. dll+xml	10.8.117.16
IpCam_Seorim_Mpeg4.dll+xml	10.8.117.16
IpCam_Siqura_Encoder. dll+xml	10.8.117.16
IpCam_USAG. dll+xml	10.8.117.16
IpCam_Cisco. dll+xml	10.8.117.16
IpCam_HCL. dll+xml	10.8.117.16
IpCam_Secura. dll+xml	10.8.117.16
PelcoCOM.dll	10.8.117.16
PelcoCOM.XmlSerializers.dll	10.8.117.16
AV2000SDK.dll	2.9.4.5
HCNetSDK.dll	3.5.0.7
HHNetClient.dll	6.3.10.1
nexusSDK.dll	3.1.1.0
FrBrTables.xml	NA
VideoStreamAttributes.xml	NA
FrBrRestrictions.xml	NA
UVidDrv.exe	10.8.0.16/11.0.0.14/10.8.0.1011/11.0.0.1007
Dmvdll.dll	10.8.0.1011/11.5.0.6
HeaderData.dll	11.5.0.6
UniversalTriggerDriver.dll	NA
vidconf.dll	11.0.0.14
vidmgr.dll	10.8.38.1/10.8.0.1011/11.0.0.1007
IpCam_NVE1002_Encoder. dll+xml	10.8.117.16
IpCam_NVE1008_Encoder. dll+xml	10.8.117.16
IpCam_AEB1016.dll	10.8.117.16