CatchCAM 2MP 6.1

Release Notes

Highlights

CatchSystems is excited to announce version 6.0 of CatchCAM 2MP firmware. These are the main highlights:

- Certified ONVIF profile M conformance
- Improvements in image quality
- Improved license plate detection
- Support for External trigger module for adding Infrared lighting (new product)
- Support for reporting passages via the AFV CDI protocol

The remainder of this document will explain these highlights in more detail. Please feel free to contact us if you have any questions.

ONVIF profile M compliance

CAPP-655 CAPP-656 CAPP-451	Starting with version 6.0, the CC2MP camera is now in certified compliance with ONVIF profile M. ONVIF discovery is fully supported as well as reporting LPR events through ONVIF. The support for LPR events is implemented in the Digivod VMS system, we expect more VMS suppliers to follow suit.
CAPP-704	For compatibility with some video management systems, a laxer implementation of the ONVIF protocol handling can be enabled on the website.
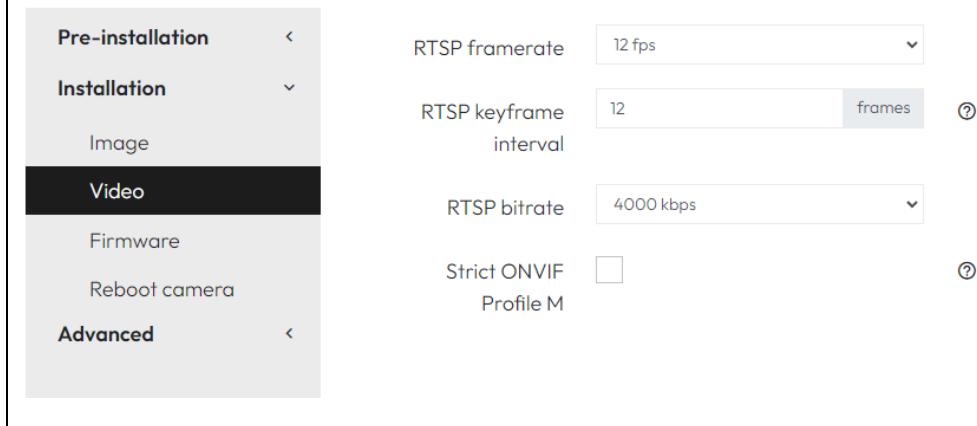
Image quality improvements

CAPP-736 CAPP-749	The automatic camera adjustment algorithm has been improved. This results in a more fine-grained control of the overall image intensity and is especially noticeable during dusk or dawn.

# License plate detection

CAPP-657	Plate recognition has been improved. This reduces the misdetection of texts and signs as license plates.

External trigger module

CAPP-760	The CatchCAM 2MP camera can now be operated in conjunction with external third-party LED flashers. This allows the energy efficient implementation of IR floodlighting and can be used to enhance the overview image of passages, possibly enabling make- and model recognition at night.
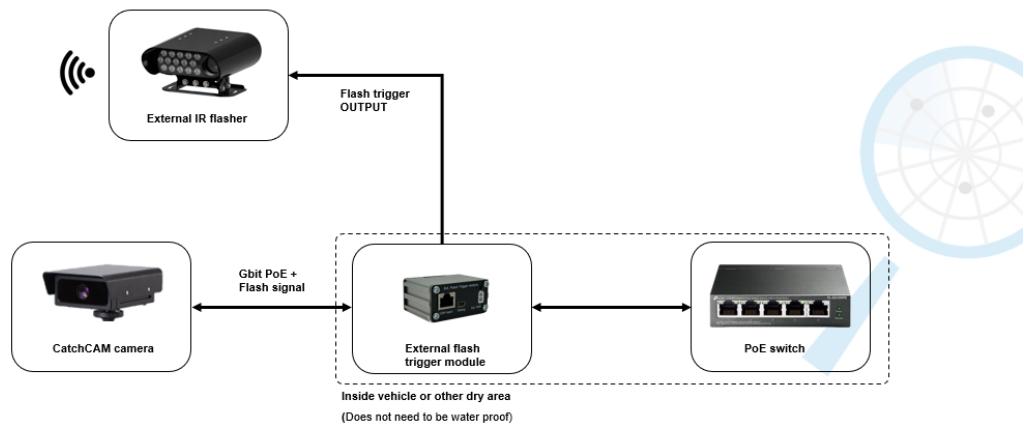
This feature requires an external trigger module (sold separately).

Support for AFV CDI

CAPP-660 CAPP-756 CAPP-768 CAPP-747 CAPP-662	The CC2MP camera can now be directly integrated in an AFV system ("Automatische Fahrzeugfahndung und Verkehrsüberwachung"), as used in Switzerland. It can connect to a CDI ("Camera Data Integrator") using a JSON/HTTP(S) interface. Plate recognition will be performed on the camera, negating the requirement of a central ANPR server in a datacenter.

Pre-installation	⌄
General	
Network	
Time	
Connection	
ANPR	
Installation	‹
Advanced	‹

CatchKen	UTMC	**AFV CDI**

Enable ☑

Remote url   http://192.168.55.62:5000   ⑦

Camera number   1   ⑦

Information header   ☐   ⑦

SSL certificate validation   ☐   ⑦

Other improvements

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CAPP-589	The configuration of UTMC lanes has been improved.
CAPP-625 CAPP-764	Warnings and errors on the website are removed once the issue has been resolved. Previously, these errors needed to be dismissed manually.
TL-36	The product number is now visible in the CatchCam Discovery tool. This makes it easier to identify individual cameras.
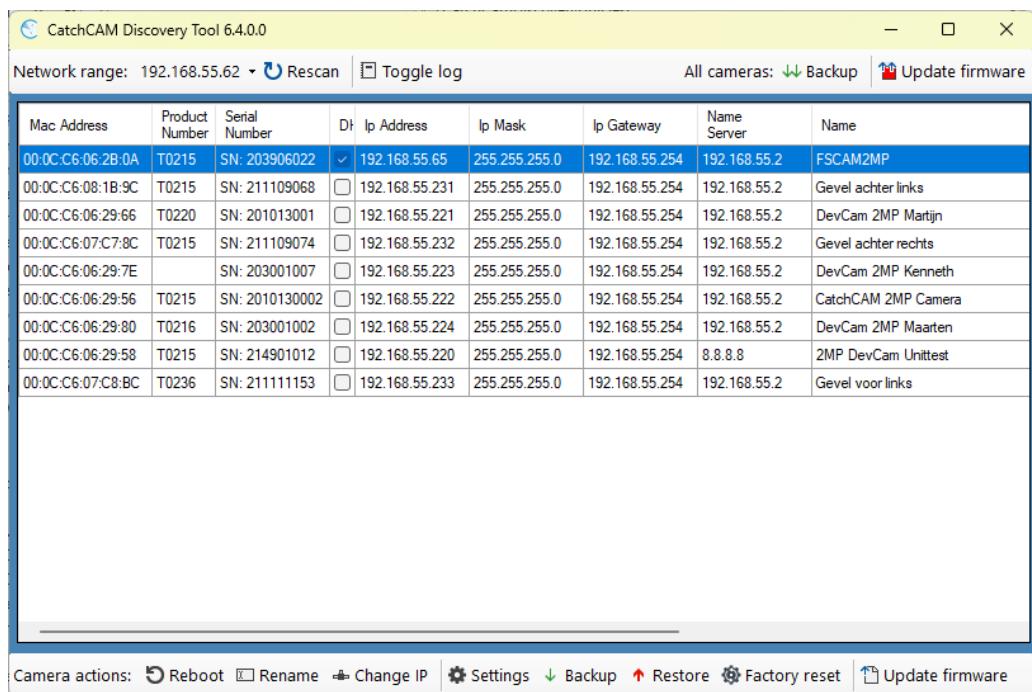
This feature requires version 6.4.0 of the discovery tool.

| TL-90 | The DNS name server can now be configured from the CatcCAM Discovery tool. Previously, this setting could only be modified on the website. |
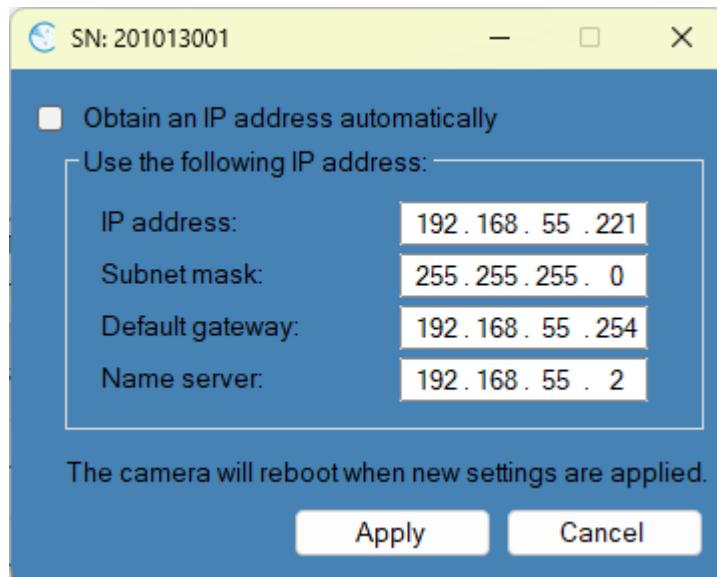
This feature requires version 6.4.0 of the discovery tool.

Changes in 6.1

Improvements

CAPP-776	The external trigger module can now be operated while the internal IR flasher of the camera is turned off. This can be beneficial in situations where the internal flasher causes unwanted reflections.