

PC1656 - Pico.net HD4 – Firmware 6.0 Release Notes

24-apr-2013

New Features

Audio Outputs

Since release 6.0, the Audio Outputs on the Audio Module Option for Pico.net HD4 are operable.

Improvements

Changed RTP payload type used for audio streams from dynamic to static

This avoids issues with some clients. This new behavior was added in release 6.0.

Restricted the validity of TLS certificates to 2038-01-18

This avoids issues with clients subject to the year 2038 bug. This new behavior was added in release 6.0.

Removed xsi:type attributes in replies to SOAP/ONVIF commands

This avoids issues with defective software. This new behavior was added in release 6.0.

Reduced the GuaranteedNumberOfVideoEncoderInstances to 1

Up to 3 video encoders can still be used for each video source configuration. This new behavior was added in release 6.0.

Solved Issues

Interactions between RTSP commands and StartMulticastStreaming or StopMulticastStreaming

There were some issues when using RTSP commands as well as StartMulticastStreaming and StopMulticastStreaming operations. These issues have been fixed in release 6.0.

StartMulticastStreaming for profiles containing audio but no video has no effect

This has been fixed in release 6.0.

Line breaks in base64-encoded data for RTP/RTSP/HTTP/TCP streaming

Line breaks in base64 data sent by some clients when setting up RTP/RTSP/HTTP/TCP streaming were not properly handled. This has been fixed in release 6.0.

URI returned by GetStreamUri not available

There was an issue where a stream URI returned by GetStreamUri was not always immediately available. This has been fixed in release 6.0.

Fixed several security vulnerabilities

These fixes are available since release 6.0.

Known Issues

Input Present LED

The HDcctv "Input Present LEDs" are either ON or OFF. ON indicates that a valid HD-SDI video signal is detected, but not necessarily supported by Picolo.net HD4. OFF indicates that no signal is detected.

Restore Operation

The System Restore operation is not functional.

Firmware Downgrading Issue

A device with firmware version 5.0 (or later) cannot be downgraded to version 4.2 (or earlier).

Features Not Available

- Video cropping is not available.
- Privacy mask insertion is not available.
- IPv6 is not supported.
- RTP over RTSP over HTTPS streaming is not available.
- The LLA address allocation method cannot be disabled.
- The quality setting for the VideoEncoderConfiguration ONVIF object is not implemented.
- The back channel functionality for audio outputs is not implemented.