

Firmware Release Notes

Product: Encoder Firmware

Version: A1D-310-V4.12.09-AC

Date: 2012.06.22

New Features

1. Support Event to Local Storage
 - Save Video or snapshot to local storage by event handler triggered sources (Schedule, Digital Input, Motion Detection, Camera power on)
 - Search / download / delete files in local storage from device's Web Configuration directly.
2. Support HTTPS encryption
 - User can create a self-signed certificate or send the CSR (Certificate Signing Request) and install signed certification by a trusted Certificate Authority (CA).
3. Compliant to ONVIF V2.0 (the function is enabled by default)
 - IP Configuration
 - Device Discovery
 - Device Management
 - Media Configuration
 - Video/Audio Stream
 - PTZ control
 - Event Management(Motion Detection, Digital Input)

Enhancement

1. Add Hungarian language and update Simplified Chinese, Japanese, Italian, Czech, French, Dutch and Russian.

Bug Fix

1. The exposure value from Day into night profile is not adapted in specific environment light conditions on CMOS camera models.
2. Video Stream is not smooth while doing Snapshot at the same time.
3. In earlier specific version v4.11, if the Hostname and Camera Name fields' in web UI contains space character, the device may work abnormally.
4. Camera may show Error code: 00000080 on earlier specific version v4.12.02.

5. For earlier version, more HTTP sessions could make the device unavailable. For V4.12, the maximum concurrent http sessions will be limited to 20 and all the requests exceeding the amount will be rejected by the camera.
6. The return value for XYZ_POS_GET command is inconsistent with current Pan, Tilt and Zoom positions.

Remark

1. Local storage function is available on specific models.
(TCD-2500/TCM-5311/TCM-7811)
 - TCD-2500 supported 2.5" Hard Disk
(13th code of Production ID is "E", e.g.TCD2500-10D-E-00999, supported local storage)
 - TCM-5311 / TCM-7811 supported Micro SDHC (4GB to 32GB)
(13th code of "TCM-5311" Production ID is "E",e.g.TCM5311-11A-E-00999, supported local storage)
2. User may download files via FTP client software from the local storage for your convenience, but do not delete any of the files via FTP because it would cause inconsistency between camera's file database and actual file availability.
3. After remove HTTPS certificate files, the WEB UI has to redirect to the login page with HTTP protocol.
4. PTZ panel in Web Configurator is only for PTZ camera – TCM-6630

Limitation

1. Motion Detection not available for MJPEG.
2. Some functions are restricted on TCM-6630
 - A. The PTZ function will only work on Dynacolor (DSCP) PTZ protocol, 8N1 control setting and 9600 baud rate.
Please make sure the switch on TCM-6630 is "07" (Protocol: DSCP", Baud Rate 9600) and the control protocol of your software is the same.
 - B. The tour group in PTZ panel is reduced from 10 to 8.
 - C. Support only 2 DIs and 1 DO in the DIO URL commands, but user could use Dynacolor serial hex commands to access all DIs and Dos
 - D. After backup device's setting, firmware will not record preset position in device's backup setting since the position is saved in speed dome analog module.
3. TCM-3011 (EOL model) does not support "Video Mirror" function.