

Marshall Electronics

High-Quality Video Surveillance Codec

Firmware Release Notes

(TCS-300, TCAM-3xx, TCAM-5xxx, TCS-400 and TCS-2000)

Release Version: V1.403R01

Release Date: April 2, 2014



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1. Introduction

This is the release notes for Firmware V1.403R01.
The last official release was V1.307R01 (July 15th, 2013)

2. Enhancement/Improvements

PTZ calibration for FIR PTZ model

- PTZ_CODE_CALIBRATION is added. This command makes PTZ camera find its zero position.
- PTZ_AUTOCALIBRATION is added. If PTZ_AUTOCALIBRATION=1, the camera run caribration command at every 5:00 AM.

HTTPAPI new commands added

- PTZ_ABSOLUTEPOSITIONWITHSPEED
- PTZ_RELATIVEPOSITIONWITHSPEED
- PTZ_GETZOOMPOSITION
- PTZ_GETPOSITIONWITHOUTFOCUS

ONVIF

- Authentication is skipped in which access policy is PRE_AUTH.
- The profile name is saved.
- Preset tour feature is added.

RTSP

- In decoder mode RTSP Multicast connection has been added.
- In RTSP client mode (decoder system) digest authentication has been added.

ETC

- Support ing TCS-300 new revision. (Board Id : 0xA8)
- MTU size can be configured.
- 1080p30 output format is added.
- ZoomLimit can be set for cameras with SONY zoom module
- Domain name can be used in RTP session address
- Sungjin protocol preset has been added.

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3. Changes

- Different QMMAPP is used in Decoder mode of TCS system.
- Insertion position of watchdog driver changed.
- Default value of sharpness is changed to 18 from 16 for cameras with Techwin D1 zoom module
- TW9910 register value: changed from LLC out mode(Line locked clock output) to free run out mode.
- Deinterlace is activated in the CIF resolution for TCS-400

4. Bug-fixes

- Web page layout was broken in Internet Explorer 10. This bug has been fixed.
- A Pelco-D commands caused memory corruption. This bug has been fixed.
- Video data was corrupted sometimes when MPEG-TS transmitted. This bug has been fixed.
- SDI- NTSC output parameter has been adjusted for correct display.
- File delete does not work in search page. This bug has been fixed.