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Mightex USB Camera Firmware Release Notes

Version 1.0.0

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Relevant Products

Part Numbers
M-Series, S-Series, B-Series, C-Series

Firmware for **M-Series** cameras:

V1.1.5: First formal release

V1.2.1: The first version with code protection

V1.2.3: Remove the “clock stop on last row” bug

Firmware for **S-Series** cameras:

V1.0.0 : First formal release

V1.0.1: Fix the 64x64 resolution bug on B013 camera

V1.0.2: Correct settings of V032 register for TRIGGER mode, according to Aptina's notes.

Firmware for **B-Series** cameras:

USB/Camera Firmware:

- V1.1.0: First release for B013/C030 cameras
- V1.1.1: First release for adding BG04/CG04 cameras.
- V1.3.4: Removing the processing commands bug
- V1.5.1: Version with Eeprom protection feature.
- V1.5.4: Correct settings of BG04/CG04 for TRIGGER mode, according to Aptina's notes.

DSP Firmware:

BG04/CG04:

- V1.1.5: First Release
- V1.1.9: Optimized minimum trigger delay, 60 on-camera frame buffers.

B013/C030:

- V1.1.3: First Release
- V1.1.5: Correct Strobe width for C030

B050/C050:

- V1.0.2: First Release

Firmware for **C-Series** cameras:

USB/Camera Firmware:

- V1.0.0: Initial Revision (for ICX205&285, CCE/CCN/CXE cameras)
- V1.0.2: Adding Supports for ICX445 (CGE and CGN cameras)
- V1.0.7: Adding CDS sampling calibration for CCE/CCN

DSP Firmware:

CCE/CCN:

- V1.0.9: Adding CDS programming.
- V1.1.0: Wider SoftTrigger Pulse.
- V1.1.1: Remove the bug in factory reserved feature.

CXE:

- V1.0.2: First Release

CGE/CGN:

- V1.0.0: First release
- V1.0.1: Improved CDS Timing
- V1.0.2: Better trigger mode logics
- V1.0.3: Precise ET controls.
- V1.0.5: Set OB Level to 0 as default
- V1.0.6: Wider pulse for Soft trigger command.