Mightex USB Camera
Firmware Release Notes

Version 1.0.0
Jun. 10, 2011

<table>
<thead>
<tr>
<th>Part Numbers</th>
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<tbody>
<tr>
<td>M-Series, S-Series, B-Series, C-Series</td>
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## Revision History

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Author</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0.0</td>
<td>Jun. 10, 2011</td>
<td>JT Zheng</td>
<td>Initial Revision</td>
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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.