

DMVAL: Video Analytics Algorithms

Version 00.01.01

Release Notes

August 2013

Build ID: 00.01.01.00

The release note is divided into the following sections:

- [New In This Release](#)
- [Validation Information](#)
- [Fixed In This Release](#)
- [Known Issues/Limitations](#)

New In This Release

- Foreground pixel information is exposed through interface

Validation Information

Release Configuration	Description	Validation Platform
dmval_001	DMVAL Video Algorithms, which runs on C674x DSP	DM8127 based IPNC camera [Datasheet] [User Guide]

This release is validated on DM8127 based IPNC camera using the following components.

- Code Composer Studio (CCSv4) version 4.2.0.09000
- Code Generation Tool version 7.4.2
- XDAIS version 7.22.00.03
- VLIB library version 2.2

VLIB library can be downloaded from http://processors.wiki.ti.com/index.php/Software_libraries



Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00103020	Foreground pixel information should be exposed from user interface	dmval_001

Known Issues/Limitations

Defect ID	Description	Applicable Release Configuration
SDOCM00093933	Dynamic change in resolution is not supported. Currently this feature has been implemented for tamper algorithm only. For rest of the algorithms DMVAL create width and height should be same as DMVAL process width and height	dmval_001

DMVAL: Video Analytics Algorithms

Version 00.01.00

Release Notes

April 2013

Build ID: 00.01.00.01

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- [New In This Release](#)
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New In This Release

- Symbol conflict problem solved

Validation Information

Release Configuration	Description	Validation Platform
dmval_001	DMVAL Video Algorithms, which runs on C674x DSP	DM8127 based IPNC camera [Datasheet] [User Guide]

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Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00100763	Resolved symbol conflict problem between DMVAL library and VLIB library	dmval_001

Known Issues/Limitations

Defect ID	Description	Applicable Release Configuration
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Release Notes

December 2012

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New In This Release

- Bug Fixes

Validation Information

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Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00098051	In trip zone and object counting algorithm data access might happen outside the range of input buffer	dmval_001
SDOCM00098056	Trip Zone : Object moving in different direction might get treated as a single object by algorithm	dmval_001

Known Issues/Limitations

Defect ID	Description	Applicable Release Configuration
SDOCM00093933	Dynamic change in resolution is not supported. Currently this feature has been implemented for tamper algorithm only. For rest of the algorithms DMVAL create width and height should be same as DMVAL process width and height	dmval_001

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