



Product Name: MV-5

Current Version:

Ver.Type	Ver No.	Date
Firmware	2.17	September 2016
Software	–	–
Web	–	–
Hardware	–	–

RN Date: September 2016

Reference: 10593

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
MV-5	Any	Yes	N/A

Technical Notes:

- Store and recall images.
- Improved noise immunity and clean switching.
- Several bugs fixed.

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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The following changes were made in this version:

New Features:

- New features are described in the updated User Manual

	Description
	Saves image in local flash memory and recalls the stored image to any window or background
	Stored images can be transmitted to the PC application using RS-232 or Ethernet
	Unlimited image size pool in the PC application
	Any known graphics program can create a synthesized image and send it to the MV-5 as a background or window image

Modifications:

QC ID	Description
	Improved noise immunity for HDCP
	Improved Clean Switch parameters
	PC standard 1280x800 @60 replaces 1280x768 @85



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Bugs Fixed:

QC ID	Description
	Hanging problem solved
	Timeout added to fix short disconnection when switching HDCP in Follow Input
2082	After windows size and place configuration was configured in the application, MV-5 turns on with a configuration that was defined via front panel buttons

Bugs to be Fixed in Future Version:

QC ID	Description
2089	When DVI and SDI outputs are connected to MV-5(2), the SDI output displays nothing
2090	When both outputs are connected and HDCP mode is on, when an SDI output connected, HDCP goes off
2091	Information HDCP mode is off
2132	In Deep Color, the picture from CPHD-3 is corrupted

Known Limitations (including compatibility limitations):

QC ID	Description

Preceding Version: S – 1.0.0.10



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Product Name: MV-5
Current Version: S – 1.0.0.10
Version Date: April 2015
Reference: 8644

The following changes were made in this version:

Fixes:

- Labels are saved when the configuration loads.

Known Issues:

- The MV-5 PC application does not display correctly on resolutions lower than 1024x768.
- Changing the screen resolution while the MV-5 PC application is open may result in improper display of the application. In this case shut down the unit and restart it.
- When cascading two units (output from one unit connected to an input of the other unit), the HDCP indication LED on the first unit may not display the correct information.

Preceding Version: F – 1.0.0.8



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Product Name: MV-5
Preceding Version: F – 1.0.0.8
Version Date: July 2014
Reference: 7469

The following changes were made in this version:

Added Features:

- Disconnecting from the MV-5 is now indicated.
- A non-MV-5 device cannot be connected.
- Windows can be resized in any direction (left and top added).
- Windows can be positioned outside of visible area.

Fixes:

- Output resolution window resizing was fixed.
- The Layer section was fixed.
- The aspect ratio section was fixed.
- The setup-store option was fixed.
- All parameters that were not synchronized with the device were fixed.
- Firmware upload via the application was fixed.
- Validation was added when the user enters an IP/Mask/Getaway address.
- Web/GUI limiting of windows width/height was added.

Known Issues:



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- The MV-5 PC application does not display correctly on resolutions lower than 1024x768.
- Changing the screen resolution while the MV-5 PC application is open may result in improper display of the application. In this case shut down the unit and restart it.
- When cascading two units (output from one unit connected to an input of the other unit), the HDCP indication LED on the first unit may not display the correct information.

Preceding Version: N/A



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Product Name: MV-5
Current Version: NP – 1.0
Version Date: May 2014
Reference: 4400

This is a release note for a new product.

Known Issues:

- The MV-5 PC application does not display correctly on resolutions lower than 1024x768.
- Changing the screen resolution while the MV-5 PC application is open may result in improper display of the application. In this case shut down the unit and restart it.
- It is not possible to install the MV-5 PC application and the MV-6 PC application on the same system.
- When cascading two units (output from one unit connected to an input of the other unit), the HDCP indication LED on the first unit may not display the correct information.

Preceding Version: N/A



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