

<b>Products</b>	Eikos <sup>2</sup> , Saphyr, SmartMatriX <sup>2</sup> , Pulse <sup>2</sup> -3G, Pulse <sup>2</sup> , QuickMatriX, QuickVu-3G, QuickVu QuickMatriX - H, Pulse <sup>2</sup> - H, SmartMatriX <sup>2</sup> - H, Saphyr – H, QuickMatriX - H LE, SmartMatriX <sup>2</sup> - H LE
<b>Date</b>	March 8, 2018
<b>Version</b>	2.01.05
<b>Compatible Remote Control Software (RCS<sup>2</sup>)</b>	2.01.05

*The version (s) indicated here above has (have) been tested and validated by the Technical Support Department.*

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## Technical Notes:

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### Evolutions:

- Support of two new references:
  - QuickMatriX - H LE (ref. QMX150-H LE)
  - SmartMatriX<sup>2</sup> - H LE (ref. SMX250-H LE)

### Bug Correction:

- Auto-centering adjustment of analog inputs may freeze the input content

# PREVIOUS VERSIONS

<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu QuickMatriX - H – Pulse <sup>2</sup> - H – SmartMatriX <sup>2</sup> - H – Saphyr - H
<b>Date</b>	December 12, 2017
<b>Version</b>	2.00.29
<b>Compatible Remote Control Software (RCS<sup>2</sup>)</b>	2.00.14

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## Technical Notes:

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### Evolutions:

- New HDBaseT Long Reach settings (for references supporting HDBaseT only):
  - These setting should be enabled when troubles are encountered when using Full HD formats with long cables.
  - These settings are available for both HDBT inputs plugs and HDBT output plugs.
  - By default, these settings are disabled.
- Minor improvements for factory testing

### Bug Correction:

- None

<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu QuickMatriX - H – Pulse <sup>2</sup> - H – SmartMatriX <sup>2</sup> - H – Saphyr - H
<b>Date</b>	October 11, 2017
<b>Version</b>	2.00.15
<b>Compatible Remote Control Software (RCS<sup>2</sup>)</b>	2.00.14

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## Technical Notes:

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### Evolutions:

- Support of 4 new references:
  - QuickMatriX - H (ref. QMX150-H)
  - Pulse<sup>2</sup> - H (ref. PLS350-H)
  - SmartMatriX<sup>2</sup> - H (ref. SMX250-H)
  - Saphyr - H (ref. SPX450-H)
- Support of 3G-SDI Level B for inputs

### Bug Correction:

- Improved stability of input signals
- Display problems in Quadravision mode (only for references supporting this mode)

<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu
<b>Date</b>	November 3, 2016
<b>Version</b>	1.04.17
<b>Compatible Remote Control Software (RCS2)</b>	1.04.10 & 1.04.11

*The version (s) indicated here above has (have) been tested and validated by the Technical Support Department.*

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## Technical Notes:

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### Evolutions:

- New cooling management (already in version 1.04.16): Un-needed fans have been disabled and will only run for a one minute test every 4 hours, or if the chip temperature reaches an extreme temperature. A core set of fans will continue to cool the unit and fan speed will be throttled based on the ambient temperature. The results of the last fan test can be found on the **Services : Temperature** page. Any critical fan failure will produce a warning via pop-up message in the RCS<sup>2</sup>.

### Bug Correction:

- Jerky content for live inputs.

<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu
<b>Date</b>	November 2, 2016
<b>Version</b>	1.04.16
<b>Compatible Remote Control Software (RCS2)</b>	1.04.10 & 1.04.11

*The version (s) indicated here above has (have) been tested and validated by the Technical Support Department.*

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## Technical Notes:

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### Evolutions:

- New cooling management: Un-needed fans have been disabled and will only run for a one minute test every 4 hours, or if the chip temperature reaches an extreme temperature. A core set of fans will continue to cool the unit and fan speed will be throttled based on the ambient temperature. The results of the last fan test can be found on the **Services : Temperature** page. Any critical fan failure will produce a warning via pop-up message in the RCS<sup>2</sup>.

<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu
<b>Date</b>	July 11, 2016
<b>Version</b>	1.04.14
<b>Compatible Remote Control Software (RCS<sup>2</sup>)</b>	1.04.01

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► **Technical Notes:**

Version 1.04.14

Evolutions:

- None

Bugs corrections:

- **For Eikos<sup>2</sup> (ref. EKS550), Saphyr (ref. SPX450) and SmartMatriX<sup>2</sup> (ref. SMX250). Compatible with other Midra references.**  
For the newly produced units, SDTV and EDTV formats are delivered with bad colorimetry on the YUV and component plugs of the video output.

<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu
<b>Date</b>	June 14, 2016
<b>Version</b>	1.04.10
<b>Compatible Remote Control Software (RCS<sup>2</sup>)</b>	1.04.01

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► **Technical Notes:**

Version 1.04.10

Evolutions:

- None

Bugs corrections:

- When connecting a peripheral to the DVI output connector of a Midra device, the CEA extension of an HDMI-compliant EDID is discarded if the penultimate byte is not 0x00. The output of the Midra device will remain in DVI mode instead of using HDMI mode. This can cause unexpected behaviors: for example, audio will not be transmitted.



<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu
<b>Date</b>	May 12, 2015
<b>Version</b>	1.04.08
<b>Compatible Remote Control Software (RCS<sup>2</sup>)</b>	1.04.01

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► **Technical Notes:**

Version 1.04.08

Evolutions:

- None

Bugs corrections:

- The embedded audio content of SDI inputs is not processed properly: distortion can be heard for example on the analog audio output.
- After powering on the unit or plugging a SDI input, the embedded audio of one or several SDI inputs is randomly not detected anymore. A reboot of the device is mandatory to detect it again.
- Computer Black and White signals are not detected on the HD15 universal analog inputs. They are only detected with a bad colorimetry when the input type is set as RGSB.

<b>Products</b>	Eikos <sup>2</sup> – Saphyr – SmartMatriX <sup>2</sup> – Pulse <sup>2</sup> -3G – Pulse <sup>2</sup> – QuickMatriX – QuickVu-3G – QuickVu
<b>Date</b>	February 25, 2015
<b>Version</b>	1.04.02
<b>Compatible Remote Control Software (RCS<sup>2</sup>)</b>	1.04.01

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► **Technical Notes:**

Version 1.04.02

Evolutions:

- **Erreur ! Liaison incorrecte.**the new default switcher mode is Mixer mode(instead of Matrix mode). For devices already on the field, a “Default Values” reset will systematically change the switcher mode to Mixer mode.

Bugs fixes:

- Correction of output dysfunctions with some displays and extenders due to HDCP negotiation
- Correction of the TCP port setting menu on the front panel: the range was limited to 32767 instead of 65535.
- Correction of the front panel label of 1920x1200 output format: the aspect ratio was wrong.