

Product Update

Title: DS Vision 3000 product line update information

No: 200711-03contact: mtu@minicom.com**Summary: The DS Vision 3000 system FPGA has been updated to version V01.00**

More Information:

We are constantly working to improve the customer's experience with our products and keep the technology up to speed with our customer's expectations.

Minicom has just introduced new units into the DS Vision 3000 product family: DS Vision Broadcaster 16 Port, DS Vision Line Splitter and DS Vision Receiver Dual Cascade Long. In order to fully support the new products and their new features, we have released an important core technology upgrade to the existing units.

All newly manufactured DS Vision 3000 units were released in revision 2.0 which is an improved version of FPGA (DS Vision Core FPGA Firmware). This FPGA version V01.00 has improved internal communication between DS Vision units and a superior audio signal quality. FPGA version V01.00 is not compatible with the original version of FPGA V00.00. All units with FPGA version V00.00 should be upgraded to the latest version of FPGA to preserve the communication compatibility to the units with FPGA version V01.00.

Note! If your DS Vision 3000 system already installed and working properly you shouldn't upgrade its firmware.

In order to upgrade an existing DS Vision 3000 units please refer to the document: [DSV2-1 Firmware and FPGA upgrade procedure for DS Vision System](#) which you can download from our web site from the following link: <http://www.minicom.com/support/dsvision/dsv2-1.pdf>. This document explains the firmware and FPGA upgrade procedure in order to preserve the DS Vision system upgradability.

Units with FPGA version V00.00 will not work in the same system with units having FPGA version V01.00.

You can identify the DS Vision 3000 units that have FPGA V00.00. Units with revision numbers same or lower than the revisions shown in the table below have FPGA V00.00 installed in the factory:

Product Description	Package Part Number and Revision	Unit Part Number and Revision
DS Vision Transmitter 1 Port	0VS50005 Rev 1.3	1VS50005 Rev 1.3
DS Vision Broadcaster 8 Ports	0VS50003 Rev 1.3	1VS50003 Rev 1.2
DS Vision Line Splitter Long	0VS50002 Rev 1.2	1VS50002 Rev 1.2
DS Vision Receiver	0VS50010 Rev 1.2	1VS50010 Rev 1.1
DS Vision Receiver Long	0VS50001 Rev 1.3	1VS50001 Rev 1.3

DS Vision 3000 units with the following revisions are being delivered from the factory with FPGA version V01.00 preinstalled:

Product Description	Package Part Number and Revision	Unit Part Number and Revision
DS Vision Transmitter 1 Port	0VS50005 Rev 2.0	1VS50005 Rev 2.0
DS Vision Broadcaster 8 Ports	0VS50003 Rev 2.0	1VS50003 Rev 2.0
DS Vision Broadcaster 16 Ports	0VS50004 Rev 2.0	1VS50004 Rev 2.0
DS Vision Line Splitter	0VS50009 Rev 2.0	1VS50009 Rev 2.0
DS Vision Line Splitter Long	0VS50002 Rev 2.0	1VS50002 Rev 2.0
DS Vision Receiver	0VS50010 Rev 2.0	1VS50010 Rev 2.0
DS Vision Receiver Long	0VS50001 Rev 2.0	1VS50001 Rev 2.0
DS Vision Receiver Dual Cascade Long	0VS50006 Rev 2.0	1VS50006 Rev 2.0

Notes:

Package revision is printed on the package on a white paper sticker:



Unit's revision is indicated on the silver sticker located on the bottom of the units:



Using the DS Vision Service Utility

(http://www.minicom.com/support/dsvision/DSVision_Service_UTILITY.exe) you may check and upgrade the version of FPGA which is installed in the DS Vision units. For more information refer to “DSV1-1 Firmware and FPGA upgrade procedure for DS Vision System” document (<http://www.minicom.com/support/dsvision/dsv2-1.pdf>).