

RTK-AM1 Firmware Release

V3.0 - 10/08/2025

Update time: 21 minutes.

Files included in this release:

RTK-AM1-RX

602_1048_03 MCU Application FW Version: 4.01.00

670_1048_01 Valens VS3K Base Image Version (Bank 1): 5.006.039

671_1048_01 Valens VS3K UPT Version (Bank 2): 5.006.202

674_1048_02 HDMI-DP Converter FW Version: 12601

675_1048_01 USB-C CC Controller FW: 02

602_1076_01 USB-Audio Application FW version: 1.00.09 (only present on RX modules with blue URL printed on face)

RTK-AM1-TX

602_1049_03 MCU Application FW Version: 4.03.00

670_1049_01 Valens VS3K Base Image Version (Bank 1): 5.006.039

671_1049_01 Valens VS3K UPT Version (Bank 2): 5.006.102

675_1049_01 USB-C CC Controller FW: 8.3.18

Release notes:

1. Improved audio lock/unlock detection.
2. Removed requirement that config file needed a carriage return/line feed at the end.
3. Fixed Cisco registration ID when used with MDC6.
4. Added EDID auto-refresh when video sink is removed (HDMI and USB-C on RX)
5. Added support for external AMA and embedded AMA circuits to enable audio on Cisco USB-C destination devices from HDMI TX sources.

V2.0 - 05/15/2025

Update time: 20 minutes.

Files included in this release:

RTK-AM1-RX

602_1048_02 MCU Application FW Version: 3.04.00

670_1048_01 Valens VS3K Base Image Version (Bank 1): 5.006.039

671_1048_01 Valens VS3K UPT Version (Bank 2): 5.006.202

674_1048_01 HDMI-DP Converter FW Version: 12301

675_1048_01 USB-C CC Controller FW: 02

RTK-AM1-TX

602_1049_02 MCU Application FW Version: 4.00.04

670_1049_01 Valens VS3K Base Image Version (Bank 1): 5.006.039

671_1049_01 Valens VS3K UPT Version (Bank 2): 5.006.102

675_1049_01 USB-C CC Controller FW: 8.3.18

Release notes:

1. Added support for fan speed controller and error reporting.

v1.0 - 03/14/2025: Initial public release.

Update time: 20 minutes.

Files included in this release:

RTK-AM1-RX

602_1048_01 MCU Application FW Version: 3.03.12

670_1048_01 Valens VS3K Base Image Version (Bank 1): 5.006.039

671_1048_01 Valens VS3K UPT Version (Bank 2): 5.006.202

674_1048_01 HDMI-DP Converter FW Version: 12301

675_1048_01 USB CC Controller FW: 02

RTK-AM1-TX

602_1049_01 MCU Application FW Version: 3.02.15

670_1049_01 Valens VS3K Base Image Version (Bank 1): 5.006.039

671_1049_01 Valens VS3K UPT Version (Bank 2): 5.006.102

675_1049_01 USB CC Controller FW: 8.3.18