

## 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.
6. Added auto-host switching mode with RX host priority. This is only enabled for non-Cisco control modes.

### **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 USBC 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 USBC CC Controller FW: 8.3.18