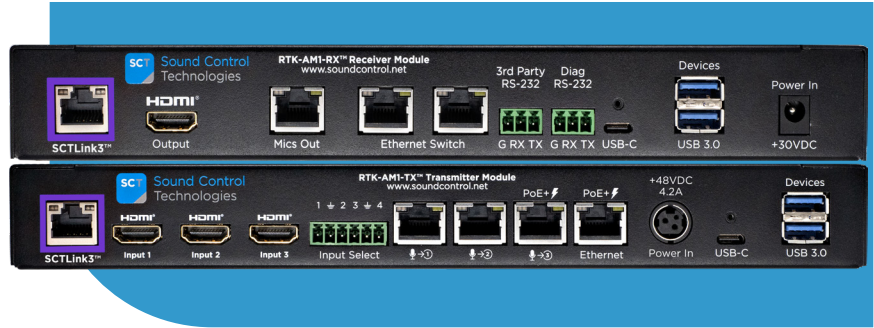




RemoteTableKit™ AM1 Product Specification

Updated: 2/28/2025



Designed for Cisco codecs, Poly codecs, and 3rd party solutions, the RTK-AM1™ provides simple extension from the codec to the table using a single CAT cable up to 100M. The RTK-AM1 includes an integrated 4x1 video switch with 1 USB-C and 3 HDMI inputs. The USB-C port supports audio, video, data and laptop power for a single cable user experience. The RTK-AM1 can accommodate up to four PoE devices on combined or separated VLANs.

KEY FEATURES

- Integrated 4x1 video switch with 3 HDMI inputs and 1 USB-C input.
- Support for 4 Ethernet PoE devices on combined or separated VLANs.
- Single cable laptop connection including USB-C power delivery.
- PoE for 2 devices (i.e. microphones) and PoE+ for 2 devices (i.e. touch panels, table cameras).
- Simple Plug & Play installation, no programming required.
- Controllable from RS232, contact closure, or direct codec integration (codec dependent).

TECHNICAL SPECS

- Video Format: HDMI, up to 4K@60 4:4:4. HDCP up to v2.2
- PoE Support (RTK-AM1-TX): 4 Ethernet ports provide PoE/PoE+ power. 2 PoE+ ports support 48VDC PoE+ devices up to 30W per IEEE 802.3at. Remaining ports support 48VDC PoE devices up to 15.4W per IEEE 802.3af (Total 76.2W max.)
- Ethernet Connectivity (RTK-AM1-TX): 10/100/1000 Four Port Layer 2 Ethernet Switch with divisible VLANs
- Ethernet Connectivity (RTK-AM1-RX): 10/100/1000 Three Port Layer 2 Ethernet Switch with divisible VLANs

- USB (RTK-AM1-TX): USB-C full featured port supporting DP Alt Mode video (input) and 60W Power Delivery. USB-A Ports (x2) supporting USB 3.0 devices locally and USB 2.0 extended to RTK-AM1-RX
- USB (RTK-AM1-RX): USB-C port supporting DP Alt Mode video (output). USB-A Ports (x2) supporting USB 3.0 devices locally
- USB Tier Usage: 2 tiers (hubs) per linked set
- USB-A Output Power (each): 5VDC @500mA continuous. Overload/short-circuit 1.25A max
- Input Select (RTK-AM1-TX): 6-Pin Terminal Block for contact closure input selection
- 3rd Party RS-232 (RTK-AM1-RX): 3-Pin Terminal Block for third party control system
- Diag RS-232 (RTK-AM1-RX): 3-Pin Terminal Block for Codec integration

SCTLINK3™ CABLE SPECS

Cable Type	Max Video resolution	Range (typical)
CAT6A (U/FTP)	4K/60Hz/4:4:4	100m
	4K/60Hz/4:2:0 HDR 12bit	100m
CAT6A (F/UTP)	4K/60Hz/4:4:4	70m
	4K/60Hz/4:2:0	100m
CAT5e/CAT6 (UTP)	4K/60Hz/4:4:4	40m
	4K/60Hz/4:2:0 HDR 12bit	70m

Wiring Termination Standard T568A or T568B
10m Minimum - 100m Maximum Length

Power Consumption RTK-AM1-TX will consume 13.1W, *plus* the power consumption of attached USB and PoE Devices. RTK-AM1-RX consumes 9.9W.

MODULE & POWER SUPPLY SPECS

RTK-AM1-TX Transmitter Module

- Imperial Dims: H: 1.54" x W: 10.5" x D: 4.53"
- Metric Dims: H: 39mm x W: 267mm x D: 115mm
- Weight: 1.2 lbs / 524g

RTK-AM1-RX Receiver Module

- Imperial Dims: H: 1.26" x W: 10.08" x D: 4.53"
- Metric Dims: H: 32mm x W: 256mm x D: 115mm
- Weight: 1.0 lbs / 468g

WPS-12™ Power Supply (For RX, Included)

- Imperial Dims: H: 1.19" x W: 1.85" x D: 4.65"
- Metric Dims: H: 30mm x W: 47mm x D: 118mm
- Weight: 0.5 lbs / 236g
- Input: 100 to 240VAC, 47-63Hz, 1.45A Max
- Output: 30VDC, 2A Max
- Output Connector: 5.5mm x 2.5mm DC Plug
- Regulatory Approvals:

UL, CE, FCC, CCC, TÜV, RCM+GEMS, LPS, BIS, PSE, CB, DoE VI, CoC V5 & RoHS2

WPS-48V240W™ Power Supply (For TX, Included)

- Imperial Dims: H: 1.63" x W: 3.45" x D: 8.03"
- Metric Dims: H: 42mm x W: 88mm x D: 204mm
- Weight: 1.2 lbs / 1040g
- Input: 100 to 240VAC, 50-60Hz, 3.5A Max
- Output: 48VDC, 5.62A Max
- Output Connector: 3 Pin-Din
- Regulatory Approvals:

UL, cUL, TUV SUD, CE, FCC, BSMI, PSE, NRCAN, DoE, CEC, IEMP

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