

Cat5 Reach DVI Release 1.0.0

Release Notes—October 15, 2013

This document contains the Release Notes for the Cat5 Reach DVI products.

Effectively	Immediately
Announcement Date	October 15, 2013
Applicability	Transmitter – C5R-DVI-TX Receiver – C5R-DVI-RX DVI-D to VGA cable: CVT-DVI-VGA
Hardware version	C5R-DVI-TX:0A C5R-DVI-RX:0A CVT-DVI-VGA:0A
Firmware version	C5RDVI-0A
Release Status	Announcement

Product Overview

Raritan's Cat5 Reach DVI KVM Extender provides 1080p HD video, audio, and USB keyboard/mouse access and control of computers and KVM switches, from 500 to 3000 feet (via Ethernet switch daisy-chaining) away. Dual console support enables local and remote control. Support for speakers, microphones, EDID emulation and infrared remote control.

Important Notes and Information

I. Limitations

- The DVI port on the C5R-DVI-RX receiver is DVI-D, you will need a CVT-DVI-VGA converter to support a VGA monitor or VGA based KVM switch.
- The USB ports on TX and RX are only for keyboard, mouse and touch screen use. Not for USB storage or other USB peripheral devices (e.g. card reader, printer, and scanner)
- On the video share configuration:

- One TX only supports one Ethernet switch to connect to multiple RXs.
 - The total extension distance is 600 meters.
 - The keyboards and mice have to be the same model and specification
 - Keyboard and mouse control on the RXs is first-come first-serve. One RX is controlling and the other RXs are in view only mode.
- The C5R-DVI can daisy-chain with Ethernet switches to extend the distance up to 900 meters.
 - There is a slight chance that the keyboard or mouse at the RX will not be detected when the TX powered on and off. Please reboot your PC if the issue occurs.

II. Known Issues and Workarounds

For this release, listed below are known issues along with the workaround.

Issue	Description	How to Fix
001	When connected to a PC thru a DVI-I to VGA adapter, you may see a small level-1* ripple on the screen on the display of TX and RX.	The ripple depends on the quality of the VGA cables With better shielding; there will be less of a ripple. We recommend connecting thru DVI for the best video display.
002	When connected to PC thru a DVI-I to VGA adapter, both the TX and RX display will have a slight shadow at the edge of the dialogue window	This may occur with higher resolutions
003	There is a slight chance that the device at the RX will not function if the TX is power cycled.	Reboot the PC or device connected to the TX to fix this issue.
004	When the TX is connected to the Raritan Dominion KX II via the DVI-I to VGA adapter, the video may be shifted at the RX end when the resolution is 1920x1080.	Press the EDID switch for 3 seconds to auto adjust and sync the video on the TX and RX.

*Ripple level: 0-9. Level 0 is no ripple.