



Front View



Rear View



VXP-R and VXP-T
HDBaseT Extenders
(Sold Separately)

RTI Control System



VXP-82

8x2 All-in-One Presentation Switcher & Control Processor

The VXP-82 combines robust AV switching with powerful control to deliver the ultimate presentation solution for boardrooms, lecture halls, classrooms and conference rooms. The all-in-one switcher features video scaling and switching, audio mixing, control and KVM functionality in a 2U rack-mountable unit. With support for multiple AV inputs and outputs, built-in control and HDBaseT communication, the VXP-82 enables presentations in two rooms simultaneously.

Key Features

- 8x2 4K All-in-One Scaling Presentation Matrix Switcher.
- Support for HDCP 2.2 and HDMI 2.0.
- Built-in scaler supports up to 4K@60Hz 4:4:4 8bit video output.
- HDBaseT inputs/output using VXP-R/VXP-T Extenders:
 - Cat-5 cable: 4K@60Hz 4:2:0 8bit signal up to 90m/300ft, 1080p@60Hz 4:4:4 8bit signal up to 100m/330ft
 - Cat-6/6a/7 cable: 4K@60Hz 4:2:0 8bit signal up to 100m/330ft, 1080p@60Hz 4:4:4 8bit signal up to 100m/330ft.
- VXP-R/VXP-T HDBaseT Extenders support PoH (Power over HDBaseT) in addition to Ethernet, IR and RS-232 pass-through.*
- Bi-directional KVM functionality for HDMI or HDBaseT outputs - Ideal for presentation settings.*
- Supports de-embedded audio of HDMI and HDBaseT outputs, set independently to output any mixed result.
- Control via front panel, built-in processor, and Web UI.
- Built-in control processor with 128Mb of non-volatile flash memory.
- Control of external devices via six routable IR ports, two RS-232 ports, three relays, three voltage triggers, and three voltage sense inputs.
- Support for RTI wired and wireless controllers (remote controls require RTI RM-433 433MHz or ZM-24 2.4GHz Zigbee antennas).
- Support for RTIPanel App control.
- Flexible installation options with tabletop or rack-mount design.

* NOTE: Support for PoH, IR/RS-232/Ethernet pass-through and KVM functionality over HDBaseT require VXP-R and VXP-T Extenders.

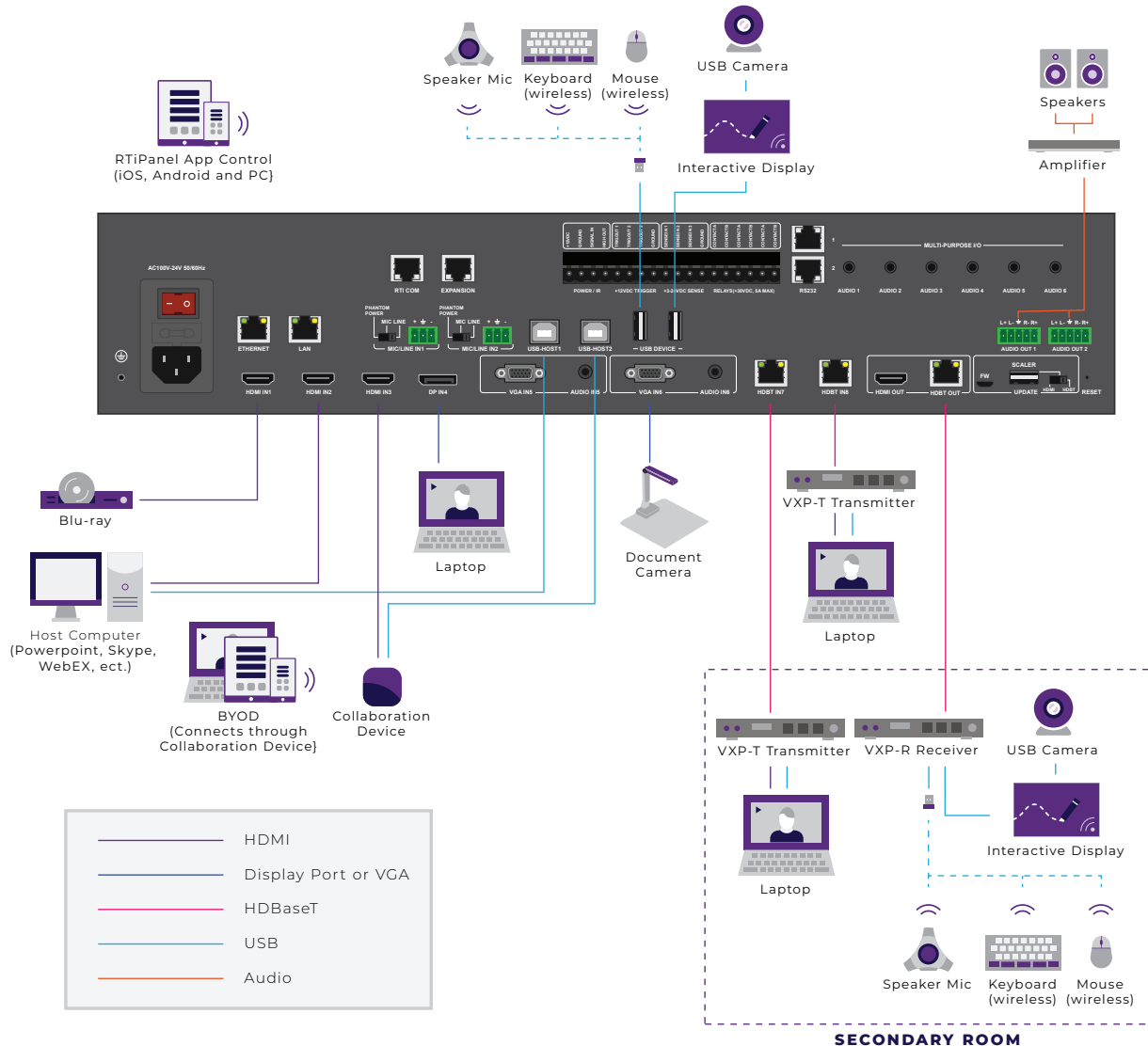
Specifications

AC Input Voltage	110VAC ~ 240VAC, 50-60Hz
Mounting.....	Rack mount, 2 RU or free standing
Video Input	Three, HDMI
.....	One, Display Port
.....	Two, VGA (female 15-pin)
.....	Two HDBaseT (PoH) (RJ45)
Video Output.....	One, HDMI
.....	One, HDBaseT (RJ45)
Resolution Range.....	800x600@60Hz to 4Kx2K@60Hz
HDBaseT Transmission Distance	1080p@60Hz ≤ 100m
.....	4Kx2K@60Hz ≤ 90m
EDID Management.....	Built in EDID data and manual EDID management
HDCP	Supports up to HDCP 2.2
Audio Input	Two, Mono analog
.....	Two, 3-pole 3.5mm, Mic/line level
Audio Output.....	Two, Stereo de-embedded
Phantom Power	Enable/Disable per channel
Analog Line Output with DSP.....	2-Channel stereo
Frequency Response.....	20Hz to 20kHz ≤ 3 db
Infrared Output	Six, 3.5mm
.....	One, High output

Infrared Frequency Transmission Range	15kHz - 460kHz
Trigger Outputs	Three, 12 VDC, 100mA max each
Relays.....	Three, 5 Amps @ 30 VDC
Sense Inputs.....	Three, 3-24 VDC
RS232 Ports	Two, Bidirectional control (RJ45)
Expansion Port	One, RJ45 Connection
RTICOM Port.....	One, Zigbee®, RJ45 Connection
Ethernet Port	One, 10/100BaseT, RJ45 - Ethernet Pass-through
LAN Port	One, 10/100BaseT, RJ45 - WebGui access
USB Ports	USB-A: One - scaler upgrade, Two - USB devices (KVM)
.....	Micro-USB: One, Firmware update
.....	USB-B: Two, Host inputs
Operating Temperature.....	C 0 to +50 degrees F +32 to +12 degrees
Operating Humidity.....	0% to 90% Non-condensing
Dimensions WxHxD.....	17.32in (440mm) x 3.5in (89mm) x 13in (330mm)
Weight	14 lbs (6.35kg)
Warranty	Three Years (Parts & Labor)

* NOTE: Support for PoH, IR/RS-232/Ethernet pass-through and KVM functionality over HDBaseT require VXP-R and VXP-T Extenders.

All features and specifications subject to change without notice.



Remote Technologies Incorporated
 5775 12th Avenue East, Suite 180, Shakopee, MN 55379
 PH: (952) 253-3100 • Website: www.rticorp.com

