

50M (164FT) HD OVER SDI CASCADING RECEIVER WITH 2-WAY IR & RS232

RX-SDI-50



KEY FEATURES:

- SDI loop out on receiver allows transmission to be cascaded up to 7 times to further lengthen distribution
- Full 1080p, full 3D and HD audio compatible
- Embedded audio / video SETTING functionality assists communication between source/display and avoids compatibility issues
- 2-way IR and serial control

The WyreStorm RX-SDI-50 is single cable HDMI over SDI cascading display receiver capable of receiving transmissions of lossless 1080p HD video@60Hz and multi-channel HD audio up to 50m (164ft) using copper-core 75Ohm coax from a compatible transmission device, such as the TX-SDI-50 transmitter as part of the EX-SDI-50 extender set.

Featuring full 3D compatibility and 24bit True Color with wide-band, two-way control from either source or display location via IR and RS232 with full support for leading third party control systems, the RX-SDI-50 also includes SDI Loop out that enables up to 7 receivers to be daisy-chained for a total distribution of up to 350m/1148ft from a single output.

ADDITIONAL FEATURES & BENEFITS:

- 1080p transmission distance up to 50m/164ft (75Ohm WF100 coax cable) under perfect conditions*
- Full HD support 1080p@50/60Hz, 24bit colour depth
- Wide-band, bidirectional infrared control signal of source from display and display from source locations transmitted together with the HDMI signal
- RS232 control signal transmissions supported
- Cascade up to 7 receivers via SDI Loop to further lengthen distribution from a single output distances up to 350m/1148ft or 700m/2296ft from both synchronous outputs of a connected TX-SDI-50 transmitter
- Features HDMI V1.4 and HDCP support
- Auto-adjustment of feedback, equalization and amplification with ESD protection to safeguard against static build-up that can damage circuitry

***Perfect transmission conditions denote - straight cable run within specified distance range of product, no electrical interference and the use of solid copper core cable with no bends or joins.**

Please be advised that the presence of any of these factors in your installation may compromise bandwidth and signal strength.

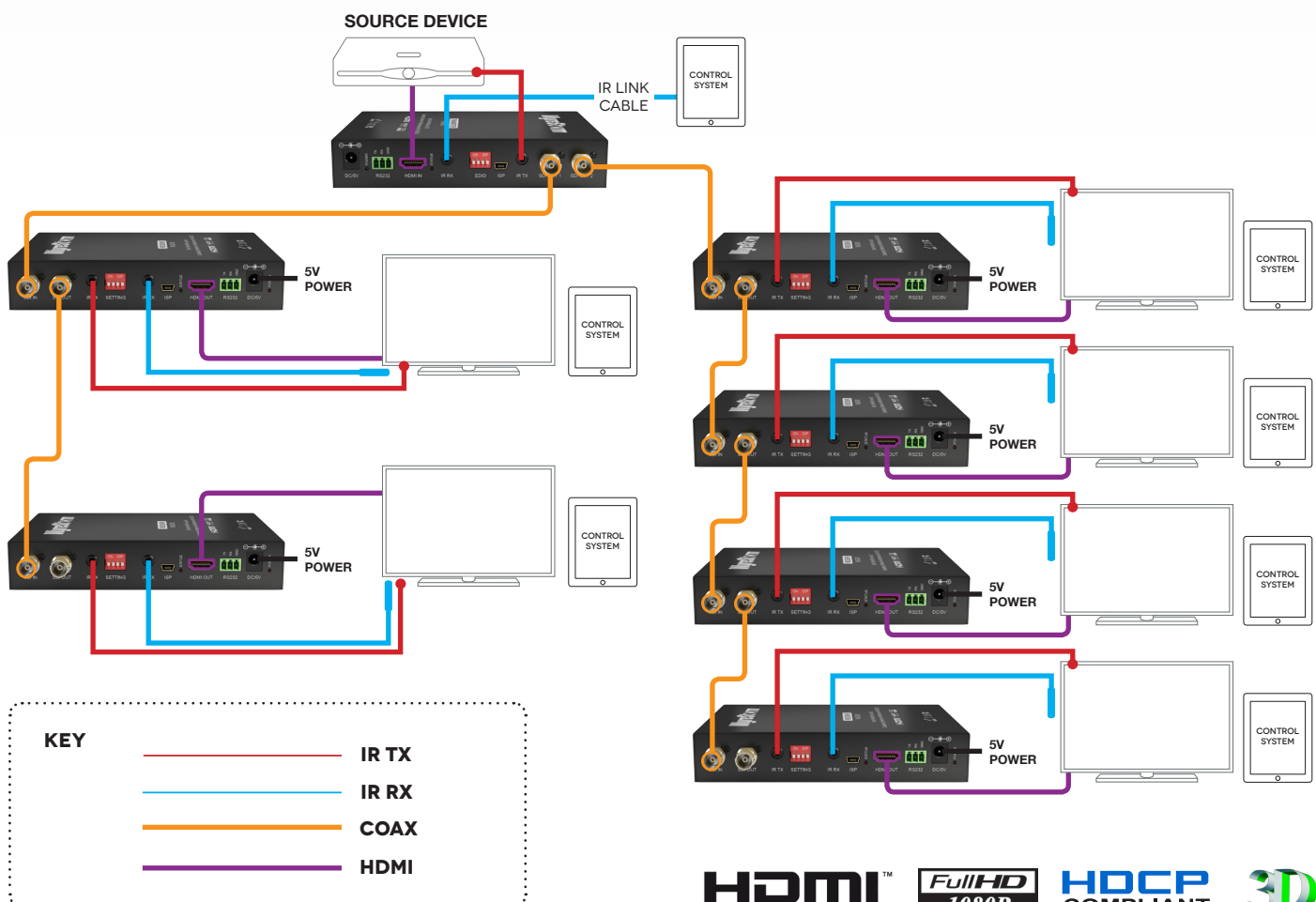
IN THE BOX

1 x RX-SDI-50 Receiver
1 x Printed user manual
(downloadable from product web page)

1 x 5V/3A DC power supplies (for each unit)
1 x IR RX receiver (for connection to display)

SPECIFICATIONS

Operating Temperature Range	-5 to +35°C (-41 to +95 °F)
Operating Humidity Range	5 to 90 % RH (no condensation)
Video Amplifier Bandwidth	6.75Gbps
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Video Format Supported	DTV/HDTV: 640x480P 60Hz, 800x600 60Hz, 1024x768 60Hz, 1280x768 60Hz, 1360x768 60Hz, 1280x960 60Hz, 1280x1024 60Hz, 1400x1050 60Hz, 1440x480i 60Hz, 720x480p 60Hz, 1440x576i 50Hz, 720x576p 50Hz, 1440x576p 50Hz, 1280x720p 50/60Hz, 1920x1080i 50/60Hz, 1920x1080p 24/25/30/50/60Hz, 1280x720p 3D 50/60Hz, 1920x1080i 3D 50/60Hz, 1920x1080p 3D 24Hz
Output Video	HDMI1.4+HDCP
Output Audio	5.1 / 7.1 / stereo audio (Including PCM and non PCM, HD AUDIO, etc)
Maximum Transmission Distance	50 meters (164ft) (WF100 coax cable)
Power Supply	5V/3A DC
Power Consumption	8W
Dimensions (WxHxD)	118mm/4.6" x 25mm/0.98" x 157mm/6.2"
Mass (Main unit)	0.46Kg / 1.01lb



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

FullHD
1080P

HDCP
COMPLIANT

3D