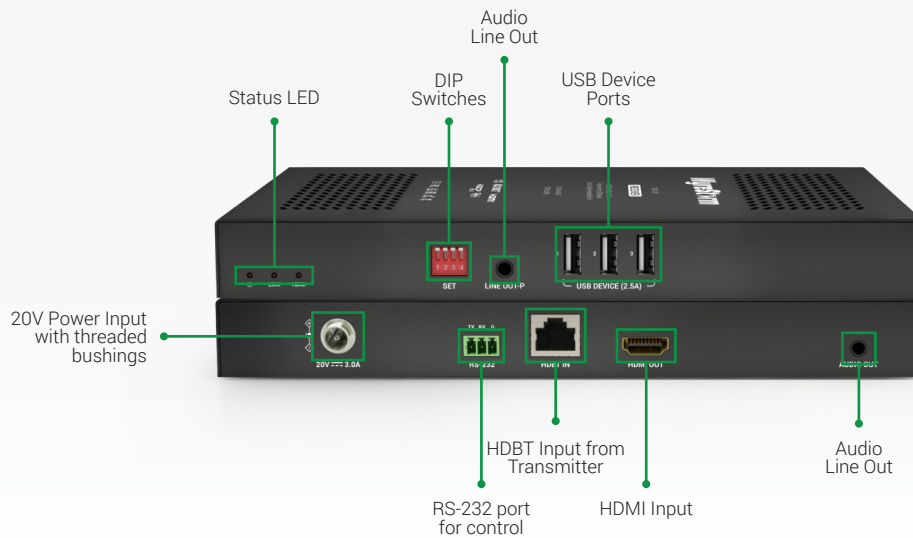


# 4K60Hz HDBaseT 3.0 Receiver with USB Device Inputs, Audio De-embed & PoH

RX3-100

**WyreStorm**  
Specification Sheet



*WyreStorm - Powerful. Reliable. Simple.*

## Introduction

Introducing the RX3-100, an uncompressed 18G HDBaseT 3.0 receiver that achieves signal transmission up to 100m/328ft at 4K@60Hz via Cat.6A cable. With HDBaseT 3.0, experience USB data transfers of up to 300Mbps, nearly doubling HDBaseT 2.0's capability of 190Mbps. This heightened capacity supports high-speed connections to 4K webcams, whiteboards, and data drives. The RX3-100 seamlessly pairs with any of WyreStorm's HDBaseT 3.0 transmitter options, such as the SW-120-TX3 and SW-120-TX3-Ux for a powerful switching extender solution!

## Key Features

- HDBaseT 3.0 Receiver supporting:
- Uncompressed content up to 4K@60Hz 4:4:4 8bit
- HDCP 2.3 encryption technology ensuring compatibility with the latest 4K UHD content and sources
- HD Multichannel audio up to DTS:X and Dolby Atmos via HDMI
- Compatible with DVI-I and DP++ v1.3 signals from compatible devices
- USB 2.0 passthrough offering 300Mbps transfer and HID extension
- Features 3 USB device ports
- Supports independent lane analog audio pass-through from transmitter to receiver
- Supports analog audio de-embed from HDMI output
- Bidirectional RS-232 and CEC pass-through communication
- Backwards compatible with HDBaseT 1.0 transmission and receiving devices (lowest denominator takes priority)
- Bidirectional PoH

## In the Box

- 1x RX3-100 HDBaseT 3.0 Receiver
  - 1x 3-pin Terminal Block
  - 4x Wall Mounting Brackets
  - 4x Mounting Screws
  - 1x 20V 3A PSU\*
  - 1x Quickstart Guide
- \*Does not support USB-C charging on TX

# Specifications

Audio and Video	
<b>Inputs</b>	1 x HDBT In: 8-pin RJ45 3x Type A (Device) 1x RS-232: 3-pin Phoenix
<b>Outputs</b>	1x HDMI Out: 19-pin Type A Female 1x Audio Out 3.5mm (1/8in) TRS Stereo   1x Line Out 2ch audio over HDBaseT   1-way from TX
<b>Max Video Resolution</b>	1920x1080p @60Hz 12bit 3840x2160 @60Hz 4:4:4 8bit 5120x2160 @30Hz 5120x2160 @60Hz 4:2:0
<b>Output Video Encoding</b>	Format: HDBT Encoding Data Rate: 18Gbps End to End Latency: 10µs (microseconds)
<b>Audio Formats</b>	HDMI Out: 2ch Analog/PCM   Multichannel: LPCM up to DTS-X and Dolby Atmos Audio Out/De-embed: 2ch Analog/PCM
<b>Supported Standards</b>	DCI   RGB   HDR10   Dolby Vision   HLG   BT.2020   BT.2100
<b>Maximum Pixel Clock</b>	600Mhz
Communication and Control	
<b>HDMI</b>	HDMI   HDCP 2.3   EDID   CEC Pass-through
<b>HDBaseT</b>	HDMI   USB   HDCP 2.3   EDID   2-way PoH   Bidirectional RS-232   CEC
<b>USB</b>	3x Type A (Device)   Maximum uplink speed: 300Mbps
<b>RS-232</b>	1x RS-232: 3-pin Phoenix
<b>Power Supply</b>	20V DC 3A (Sold separately)
<b>Power Consumption</b>	10.92w
Environmental	
<b>Operating Temperature</b>	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
<b>Storage Temperature</b>	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
<b>Maximum BTU</b>	3.41 BTU/hr
<b>Height</b>	25mm/1in
<b>Width</b>	230mm/9in
<b>Depth</b>	110mm/4.3in
<b>Weight</b>	0.36kg/.79lbs
<b>Safety and Emission</b>	CE   FCC   RoHS   RCM   EAC   UKCA

**Note:** WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.