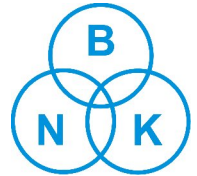


# Obonok Technologies



## Blu-Wire™ T4

### 1x4 HDMI Transmitter

*Enabling High Definition—Everywhere!*

#### Features

- Extends / distributes HDMI + HDCP over single UTP (CatX)
- Four RJ-45 output connectors
- HDMI Out for cascading to a 2nd transmitter or local HDTV
- Extension to 200' / 61m or 2000' / 610m via daisy-chain receivers - up to ten may be linked
- Auto Gain / Auto EQ = adjustment-free



Obonok Technologies designs, develops and produces the Blu-Wire™ Series, the world's leading technology for HDMI signal distribution over category cable. The Blu-Wire T4 Transmitter provides a cost-effective and installer-friendly method of extending HDMI plus HDCP signals along up to four UTP (unshielded twisted pair) cables, within a radius of up to 200 feet for 1080i, or 150 feet for 1080p or WUXGA resolution.

Obonok's Blu-Wire Series is the only HDMI extension product line featuring multi-output transmitters, up to 2,000-ft. / 610m total range via daisy-chain multi-output receivers, NO adjustments for ease of installation and maintenance, and full 1080p + HDCP performance over SINGLE UTP CatX cable. Applications include retail HDTV display, digital signage and conferencing.

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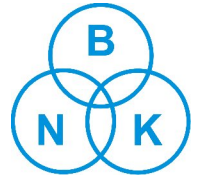
16192 Coastal Highway  
Lewes, DE 19958

Phone: 512-299-8424

Website: [www.obonok.com](http://www.obonok.com)

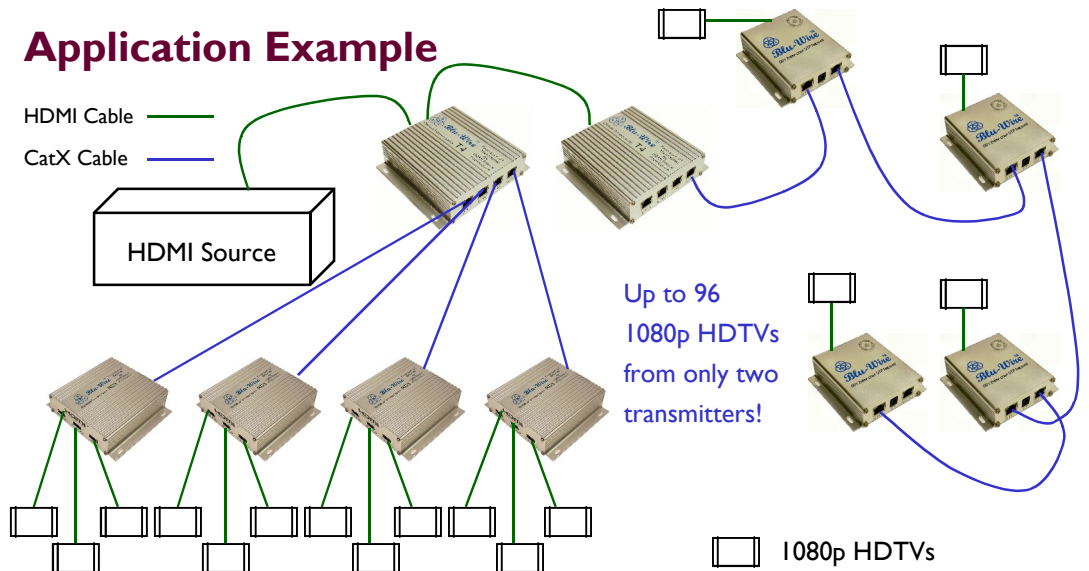
E-mail: [sales@obonok.com](mailto:sales@obonok.com)

# Blu-Wire™ T4



1x4 HDMI Transmitter / Distribution Hub

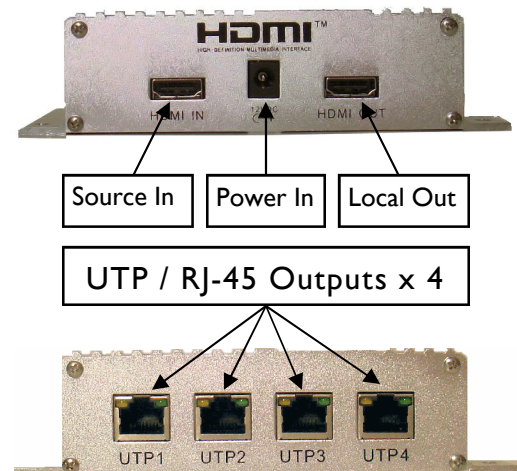
## Application Example



## Specifications

- Total Bandwidth: up to 6.6 Gbps
- Maximum Resolution: 1080p / 1920 x 1200
- Maximum Transmission Distance (to first receiver): 200 ft. / 61m @ 1080i  
150 ft. / 46m @ 1080p
- HDMI Connectors (2): Type A 19-pin F
- Link Connectors (4): RJ-45 F
- Power Supply: 12V DC (included)
- Power Consumption: 6 Watts (max.)
- Operating Temperature: -15C to 50C
- Storage Temperature: -40C to 85C
- HDMI Specifications Supported: v1.1, 1.2 & 1.3
- HDCP Compliant
- Cable Compatibility: Solid, bonded Cat5e/6/7 (Cat6 or Cat7 required for 1080p applications)
- Gain / EQ: Automatic / no adjustments needed

## Connections



- Dimensions: 128mm L x 118mm W (not including mount wings) x 36mm H
- Patents Pending: U.S. 60956694 and 60968046

## Recommended UTP Cables

- Belden Home Choice 2510 Cat6
- Shaxon UL725-8 Cat6
- Belden 7988R Cat5e
- Solid, bonded Cat6 highly recommended for 1080p applications. Stranded cables and "soft" network jump cables not recommended.

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HDMI™