

Obonok Technologies

Obonok HDTV Showroom Solution

Contact Information:

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Market: HDTV showrooms in retail stores, such as Best Buy, Circuit City, Sam's Club, Wal-mart, and Sears

Product Introduction:

Showroom HDTV Transmitter (Model: EX0104TN)

Features:

Input: 1 HDMI input, to connect to HD source, such as Blu-ray, HD-DVD player, computer, Satellite cable TV and set top box;

Output: 1 HDMI output, to daisy chain to another transmitter or connect to HDTV;

Output: 4 RJ45 output, to connect to HDTV receiver up to 75 feet;

Showroom HDTV Receiver (Model:EX0103RDN)

Features:

Input: 1 RJ45 Input, to daisy chain to another receiver or transmitter to up to 75 feet;

Output: 1 RJ45 output, to daisy chain to another receiver up to 75 feet;

Output: 3 HDMI output, to connect to three HDTV;

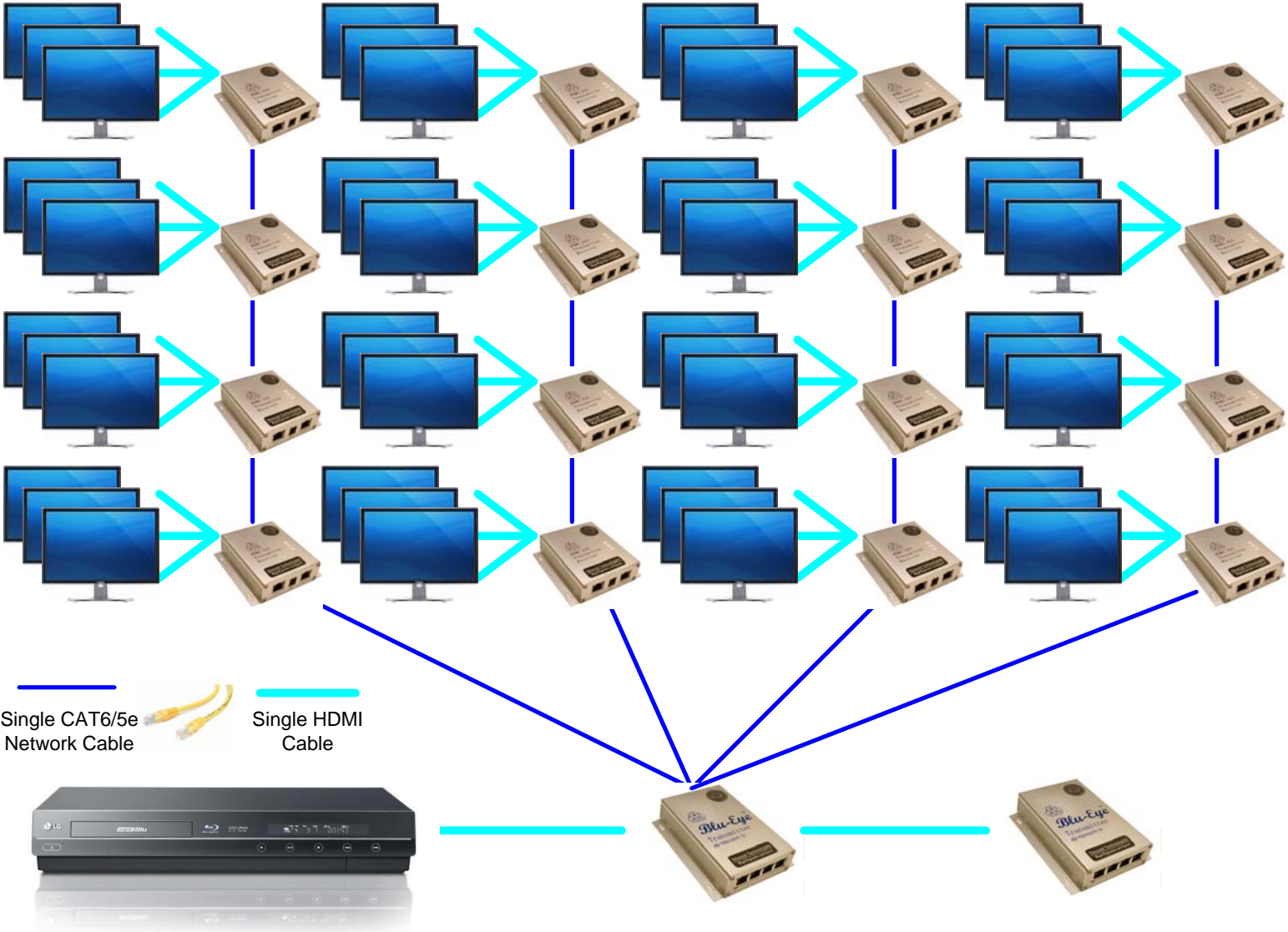
Solution:

As shown in Figure 1, the EX0104TN transmitter will replicate the HD source into 4 RJ45 output and 1 HDMI output. The 4 RJ45 outputs can be connected to 4 EX0103RDN receivers through CAT5e/CAT6 cables up to 75 feet respectively. The 1 HDMI output can be connected to another EX0104TN transmitters, so on so forth. It is designed to provide a solution for 1 to 300 HDTV from a single HD sources. On the receiving end, the 3 HDMI outputs of the EX0103RDN receiver will be used to connect to 3 HDTV. And the RJ45 output can be used to daisy chain to next EX0103RDN receiver through single CAT5e/CAT6 cable to connect more HDTV. A 48 HDTV solution is shown in Figure 1. More HDTV can be connected through this solution.

Advantages:

1. Single network cable to transmit digital, no compression HD signal to reveal the astonishing beauty of the HDTV;
2. Provide a solution for multiple HDTV to play the HD content simultaneously: supporting 720p, 1080i and 1080p;
3. This solution solve the distance problem and can cover the entire showroom;
4. Easy to deploy with single CAT5e/CAT6 cable;
5. Low price;
6. US patent Pending.

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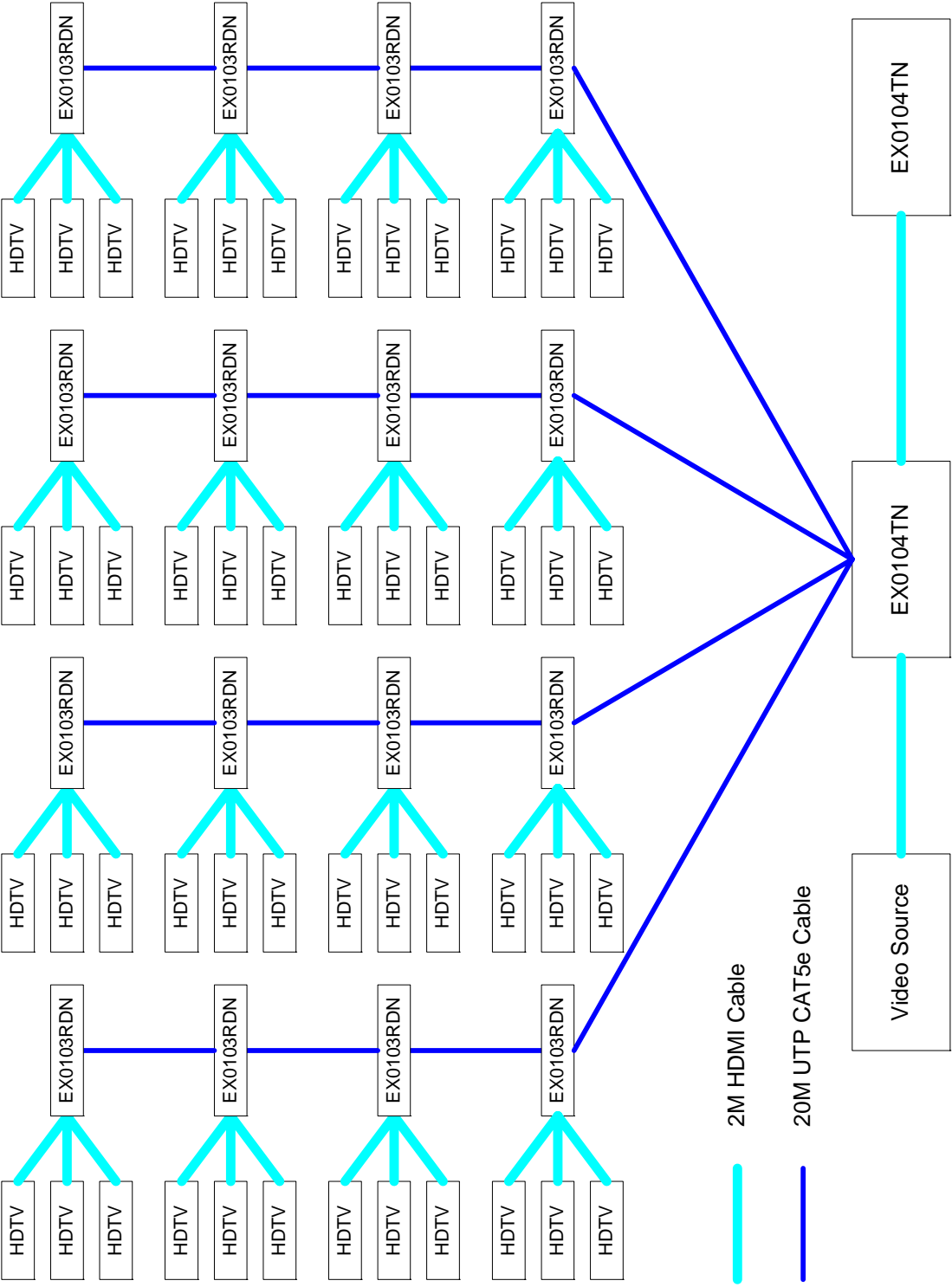


Figure 1. Obonok solution for HD content long distance distribution

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