



Digital Link is a connection system based on HDBaseT technology that supports the transmission of HDMI signals, uncompressed 4K (4.2.0) video, and Full HD video, audio, and control commands through a single LAN cable **for very long distances—up to 150 meters** (492 ft)-- in Long Reach Mode.

It's a simple, high-quality **digital transmission technology from Panasonic** that works to reduce installation cost and complexity in venues of all sizes.

For example, Digital Link is ideal for multidwelling units (MDUs) or large auditoriums, as it allows 1080/60p signal transmission for up to 150 m (492 ft) and supports 4K video over distances of up to 50m-- with a single LAN cable in each case. It saves money – fewer cables and receivers means reduced chance of failure and far lower infrastructure costs.



Panasonic's DIGITAL LINK with Long Reach Mode

Written by Bob Snyder
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Some of the advantages of a single LAN cable are obvious but here is a list from Panasonic:

- Less chance of system failure with fewer cables and receivers
- Lower infrastructure cost
- Reduces cost of control system upgrades
- Reduces cost of external receivers
- Reduces total cost of AV control software
- Reaches further distances
- Supports 4K video over distances of up to 50 m (164 ft) with a single LAN cable
- Allows 1080/60p signal transmission for up to 150 m (492 ft) via a single LAN cable using RJ45 connectors and in Long Reach Mode
- Enables digital connection of uncompressed 4K and Full HD video, audio, LAN, and control commands
- Minimizes image and sound degradation

Digital Link supports the control protocols of **Crestron**, **Extron**, **AMX** and some others. This makes it easier to configure a wide variety of systems and allows Digital Link to integrate into an existing control setup.

Where more than two display devices are integrated into the network, Digital Link can simplify installation of digital signage networks. DIGITAL LINK is a key plank in Panasonic's own simplified front-to-back video-wall solutions. Each panel can be daisy-chained via Digital Link, combining digital content and control commands in one cable.

It's also lets you create a 4K digital display system in locations where cable lengths previously prevented the distribution of 4K content, such as in MDUs, large casinos, corporate boardrooms, campus wayfinding, or retail signage networks.

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