DIGITAL LINK
– New Visual Solution with a Single Cable –
Flexible installation to meet various display needs.

**What is DIGITAL LINK?**

DIGITAL LINK, based on HDBaseT™ technology, is an intelligent system that lets you send HDMI signal, uncompressed Full-HD videos, audio and control commands*1 (Ethernet, RS-232C) all through a single CAT5e(STP) cable*2 or higher for up to 100 m (328 ft).

Hence, it is a cost-effective, long-distance, high-quality digital transmission solution.

<table>
<thead>
<tr>
<th><strong>Cost Effective</strong></th>
<th><strong>Long Distance</strong></th>
<th><strong>High Quality</strong></th>
</tr>
</thead>
</table>
| **Simplifies cabling / layout**  
- Less possibility of system breakdowns due to fewer cables and receivers | **Allows signal transmission for up to 100 m (328 ft) with a single CAT5e(STP) cable**2 or higher, using RJ45 connectors | **Enables digital connection of HDMI, uncompressed Full-HD videos, audio, LAN, and control commands**1 |
| **Minimizes infrastructure cost**  
- Cost of control system upgrades  
- Cost of external receivers  
- Total cost of AV control software | **Limited length** | **Minimizes image and sound degradation** |

Limited length

Up to 100 m (328 ft)

This enables indoor installation of the PC and other devices connected to the display at an outdoor location.

Flexible installation to meet various display needs.
**DIGITAL LINK** single cable solution

- A cost effective approach to cabling and layout
- Digital transmission provides less signal degradation
- Allows long distance transmission with a single cable

**DIGITAL LINK** technology allows easy integration into an existing control system.

- No need for additional receivers
- No need for large-scale construction
- Only requires a single cable. Less possibility for cable problems
- Users can use the systems they are familiar with

**Without** DIGITAL LINK

- Need extenders and multiple cables to increase cable length
- Additional cost for extenders, multiple cables and installation
- Limits installation locations
- Analog cables cause image-quality and sound distortion

**Conventional system**

- Blu-ray disc player
- HD visual communication system
- Video Recorder or VCR
- Desktop PC
- Notebook PC
- VCR
- Extender
- HDMI/DVI cable
- CAT5e (STP) cable

**D**IGITAL **L**INK allows easy integration into an existing control system.

- HDBaseT™ compatible equipment (e.g. DigitalMedia 8G+, Extron’s XTP Systems™, AMX’s Enova DVX All-In-One Presentation Switchers, etc.)

Also Supports Other Manufacturers’ Peripheral Equipment

DIGITAL LINK is an original function added to HDBaseT™ technology used in Crestron’s DigitalMedia 8G+, Extron’s XTP Systems™, AMX’s Enova DVX All-In-One Presentation Switchers, etc. Signals from the ET-YFB100G can also be relayed to a non-DIGITAL LINK-ready projector by using another manufacturer’s equipment based on the same technology.*3

Case study from Victoria University in Australia

Using ET-YFB100G for easy and simple installation.

Single cable solution simplifies cabling and layout.

Note: All tested compatible models are listed on the following websites.

**Projector** - [http://panasonic.net/avc/projector/support/digitallink_compatible_list/](http://panasonic.net/avc/projector/support/digitallink_compatible_list/)

**Flat Panel** - [http://panasonic.net/prodisplays/support/index.html](http://panasonic.net/prodisplays/support/index.html)

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*1 The ET-YFB100G does not accept direct RS-232C commands. It accepts commands only through DIGITAL LINK compatible projectors and flat panel displays.

*2 Straight and shielded. *3 Input selection and other ET-YFB100G operations can be performed only when connecting to a DIGITAL LINK compatible projector and flat panel displays.
The DIGITAL LINK World

DIGITAL LINK supports the control protocol of the industry’s leading manufacturers, including Crestron, Extron, AMX, and many more. This makes it easy to configure a wide variety of systems, and DIGITAL LINK allows easy integration into an existing control system.

Note: All tested compatible models are listed on the following websites.
Projector - http://panasonic.net/avc/projector/support/digitallink_compatible_list/

Our mutual dealers gain all of the functional advantages of both Panasonic projectors and our control systems.
- Steve Samson
  Director, Business Development, Crestron

DIGITAL LINK streamlines the integration of displays into Extron XTP Systems, providing convenience and expedited installations.
- Joseph A. da Silva
  Director of Product Marketing, Extron

Installers can take full advantage of the compatibility between Panasonic DIGITAL LINK technology and Atlona products.
- Michael Khain
  Vice President of Engineering, Atlona

Compatible Projectors

<table>
<thead>
<tr>
<th>Model</th>
<th>Lumens</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-DZ870</td>
<td>8,500 lm</td>
<td>WUXGA</td>
</tr>
<tr>
<td>PT-DW630</td>
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<tr>
<td>PT-DX100</td>
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<td>3,500 lm</td>
<td>Full HD</td>
</tr>
<tr>
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<tr>
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<td>3,500 lm</td>
<td>WXGA</td>
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</table>

Compatible Flat Panel Displays

<table>
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<tr>
<th>Model</th>
<th>Lumens</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH-47LF60</td>
<td>2,000 cd/m²</td>
<td>47-inch class</td>
</tr>
<tr>
<td>TH-42LF60</td>
<td>1,000 cd/m²</td>
<td>42-inch class</td>
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<tr>
<td>TH-55LF60</td>
<td>700 cd/m²</td>
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<tr>
<td>TH-50LF60</td>
<td>350 cd/m²</td>
<td>50-inch class</td>
</tr>
</tbody>
</table>

For more information, please visit
Projector Global Web Site - http://panasonic.net/avc/projector/
Flat Panel Global Web Site - http://panasonic.net/prodisplays/
PT: http://www.youtube.com/PanasonicProjector/
FPD: http://www.youtube.com/PanasonicProDisplay

Panasonic

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