

# Panasonic

## DIGITAL LINK

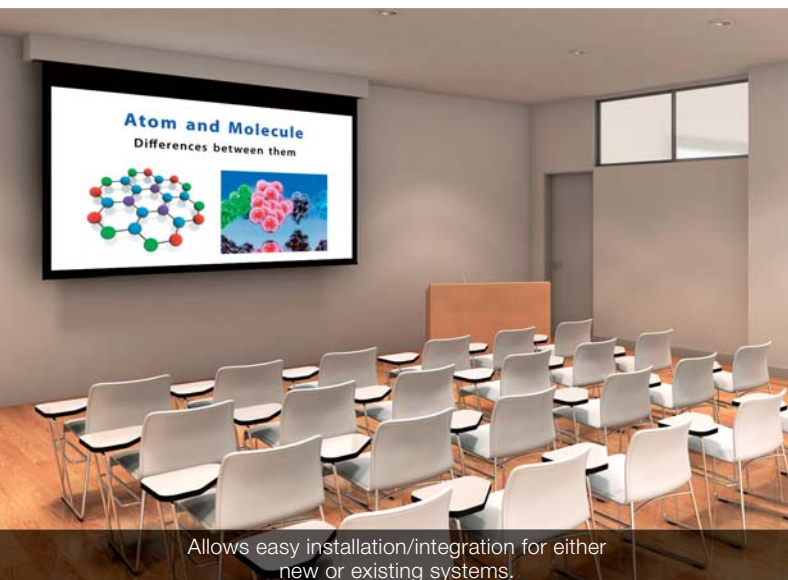


## DIGITAL LINK

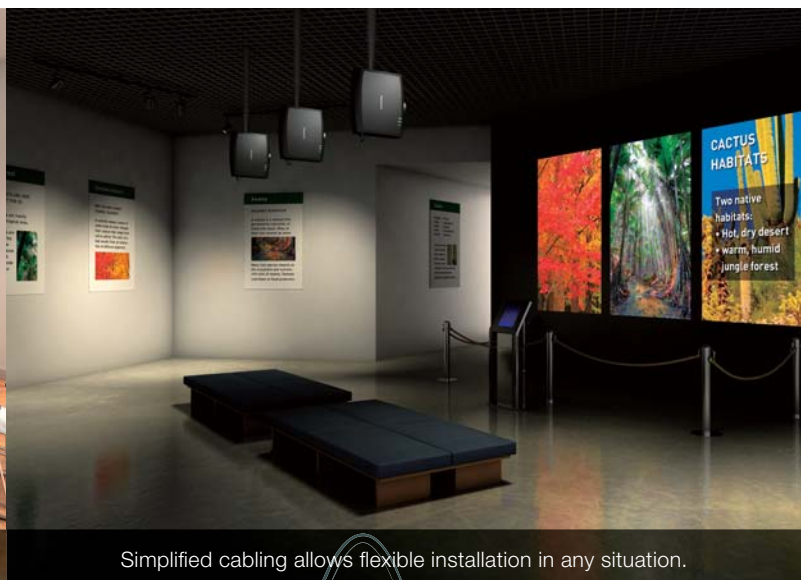
–New Visual Solution  
with a Single Cable–



Panasonic  
panasonic



Allows easy installation/integration for either new or existing systems.



Simplified cabling allows flexible installation in any situation.

# 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\* (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.



## Cost Effective

### Simplifies cabling / layout

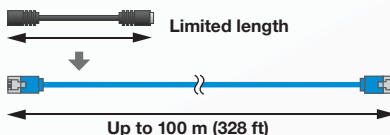
- Less possibility of system breakdowns due to fewer cables and receivers

### Minimizes infrastructure cost

- Cost of control system upgrades
- Cost of external receivers
- Total cost of AV control software

## Long Distance

- Allows signal transmission for up to 100 m (328 ft) with a single CAT5e(STP) cable\*2 or higher, using RJ45 connectors



## High Quality

- Enables digital connection of HDMI, uncompressed Full-HD videos, audio, LAN, and control commands\*1
- Minimizes image and sound degradation



Flexible installation to meet various display needs.

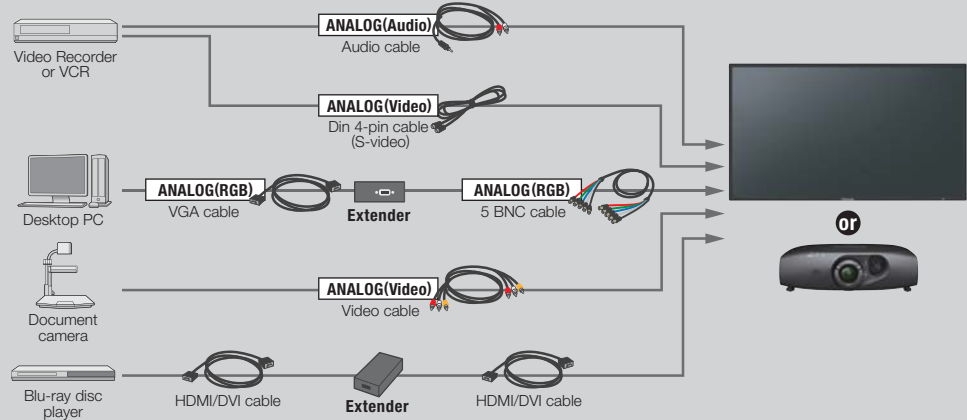


This enables indoor installation of the PC and other devices connected to the display at an outdoor location.

## Conventional system

### Without DIGITAL LINK

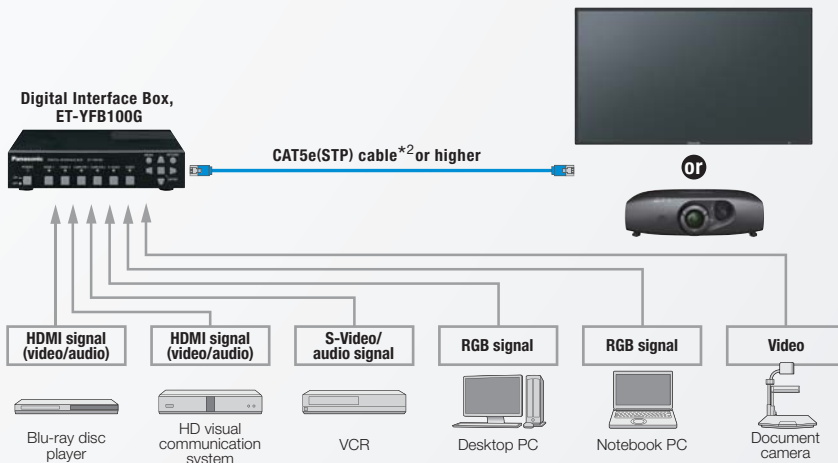
- Need extenders and multiple cables to increase cable length
- Additional cost for extenders, multiple cables and installation
- Limits installation locations
- Analog cables cause image-quality and sound distortion



## A simple, easy, new 1-to-1 system!



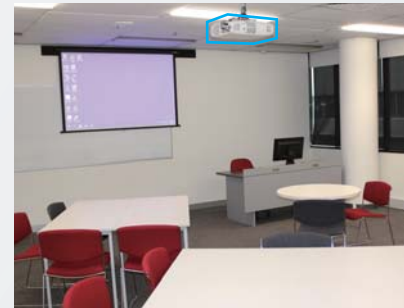
- A cost effective approach to cabling and layout
- Digital transmission provides less signal degradation
- Allows long distance transmission with a single cable



### Case study from Victoria University in Australia

**VICTORIA UNIVERSITY**  
MELBOURNE AUSTRALIA

Using ET-YFB100G for easy and simple installation.



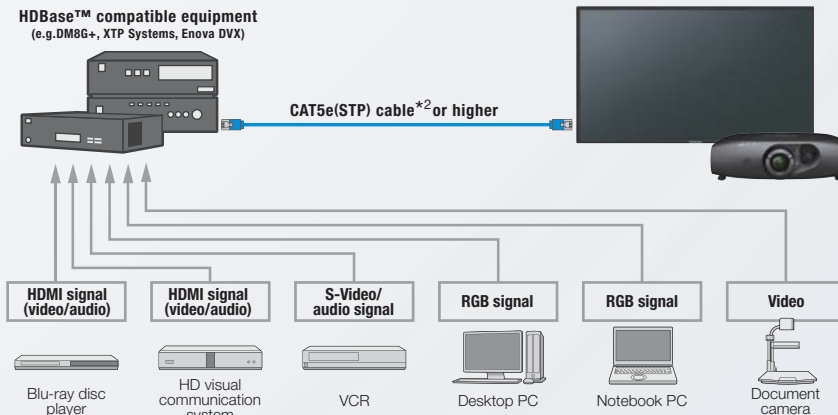
Single cable solution simplifies cabling and layout.

## 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

**HDBase™ compatible equipment**  
(e.g. DM8G+, XTP Systems, Enova DVX)



### Also Supports Other Manufacturers' Peripheral Equipment

DIGITAL LINK is an original function added to HDBase™ 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

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>

\*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.

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Projector - [http://panasonic.net/avc/projector/support/digitalink\\_compatible\\_list/](http://panasonic.net/avc/projector/support/digitalink_compatible_list/)  
Flat Panel - <http://panasonic.net/prodisplays/support/index.html>



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



 <b>PT-DZ870</b> [8,500 lm] [WUXGA] <b>PT-DW830</b> [8,500 lm] [WXGA] <b>PT-DX100</b> [10,000 lm] [XGA] 	 <b>PT-EZ770Z</b> [6,500 lm] [WUXGA] <b>PT-EW730Z</b> [7,000 lm] [WXGA] <b>PT-EX800Z</b> [7,500 lm] [XGA] 	 <b>PT-EZ580</b> [5,400 lm] [WUXGA] <b>PT-EW640</b> [5,800 lm] [WXGA] <b>PT-EX610</b> [6,200 lm] [XGA] <small>*Tentative/Coming soon</small>	 <b>PT-RZ470</b> [3,500 lm] [Full HD] <b>PT-RW430</b> [3,500 lm] [WXGA] 
 <b>PT-RZ475</b> [3,000 lm] [Full HD] <small>*Availability varies depending on the country</small> 	 <b>PT-RZ370</b> [3,500 lm] [Full HD] <b>PT-RW330</b> [3,500 lm] [WXGA] 	 <b>PT-VW431D</b> [4,300 lm] [WXGA]	

## Compatible Flat Panel Displays



 <b>Tough LED Display</b> <b>TH-47LFX60</b> 47-inch class [2,000 cd/m <sup>2</sup> ] <b>Tough LCD Display</b> <b>TH-47LFX6</b> 47-inch class [1,000 cd/m <sup>2</sup> ]	 <b>Full HD LED Displays</b> <b>TH-55LF60</b> 55-inch class [700 cd/m <sup>2</sup> ] <b>TH-47LF60</b> 47-inch class [700 cd/m <sup>2</sup> ] <b>TH-42LF60</b> 42-inch class [700 cd/m <sup>2</sup> ]	 <b>Full HD LED Displays</b> <b>TH-55LF6</b> 55-inch class [450 cd/m <sup>2</sup> ] <b>TH-47LF6</b> 47-inch class [450 cd/m <sup>2</sup> ] <b>TH-42LF6</b> 42-inch class [450 cd/m <sup>2</sup> ]
 <b>Touch Screen LED Display</b> <b>TH-80LFB70</b> 80-inch class [350 cd/m <sup>2</sup> ] <b>TH-65LFB70</b> 65-inch class [350 cd/m <sup>2</sup> ] <b>TH-50LFB70</b> 50-inch class [350 cd/m <sup>2</sup> ] <small>*Tentative/Coming soon</small> 	 <b>Network LED Display</b> <b>TH-80LFC70</b> 80-inch class [350 cd/m <sup>2</sup> ] <b>TH-65LFC70</b> 65-inch class [350 cd/m <sup>2</sup> ] <b>TH-50LFC70</b> 50-inch class [350 cd/m <sup>2</sup> ] <small>*Tentative/Coming soon</small>	

**Digital Interface Box** 



**ET-YFB100G**

**Multi Window Processor** 



**ET-MWP100G**

In case of using DIGITAL LINK board, ET-MQDL350 (sold separately)

**Panasonic**

Specifications and appearance are subject to change without notice.  
Product availability differs depending on region and country.  
This product may be subject to export control regulations.  
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For more information, please visit  
Projector Global Web Site - <http://panasonic.net/avc/projector/>  
Flat Panel Global Web Site - <http://panasonic.net/prodisplays/>  
PJ: <http://www.youtube.com/PanasonicProjector/>  
FPD: <http://www.youtube.com/PanasonicProDisplay>

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