



# Samsung PIM-HDBT

Stream FHD media over long distance in a simple and convenient setup

## What is PIM-HDBT?

PIM stands for Plug-in-Module, which is a slim, lightweight extension to Samsung SMART Signage that augments its capabilities with various additional features. The PIM simply attaches to the back of the Samsung SMART Signage, minimizing cumbersome cables and creating a simplified setup that enhances the display's functionality.

HDBT represents HDBaseT™, which is a connectivity technology standard for transmission of uncompressed full-high-definition (FHD) multimedia content through a single Local Area Network (LAN) cable. Samsung has combined these two technologies into the PIM-HDBT. Working along with SMART Signage, the PIM-HDBT enables all-in-one connectivity between high-definition (HD) video sources and remote displays through a single cable.

## The smart PIM-HDBT solution

The integration of the HDBT technology into Samsung's existing PIM provides users with the following advantages:

- No degradation in picture quality over long distances
- Minimal number of cabling and cable length between the display and the PIM-HDBT for a simplified, less cluttered system configuration
- Easy upgrade for PIM-ready Samsung SMART Signage models
- Slim form factor to match the aesthetics of Samsung SMART Signage

# Transform your Samsung SMART Signage into a HDBT-enabled solution

## Maintain image quality over long distances

PIM-HDBT receives FHD multimedia content up to 100 m (328 ft) without image-quality degradation. Advantages include:

- Converges uncompressed FHD digital video, audio, 100BaseT Ethernet and various control signals into a single LAN cable link
- Eliminates multiple cables and connectors for simplified setup and streaming over a several story office building or large convention center
- Achieves up to 100 m (328 ft) without sacrificing image quality, which would require additional repeaters or amplifiers for High-Definition Multimedia Interface® (HDMI) or DisplayPort® (DP) cable setups.



## Lower TCO with less equipment and simplified setup

PIM-HDBT provides customization with user-friendly form for more convenience and usability

- Saves the cost of purchasing, installing and maintaining multiple cables for different signals
- Eliminates the need for additional repeaters and amplifiers over long distances
- Reduces the need to maintain excessive wire clutter
- Includes HDBT Rx chipset and is compatible with other HDBT Tx devices on the market that implement the HDBT standard

## Specification

<b>HDBT chipset</b>		Valens® VS100RX
	80-pin OPS out	PIM port support
<b>Input/output</b>	Ethernet	10/100 Ethernet output port
	HDBT	8-pin RJ45 female, shielded
<b>Energy consumption</b>		Less than 10 watts
<b>Mechanical</b>	Dimension (mm/in.)	200 x 175.6 x 34.4 (7.87 x 6.91 x 1.35)
	Weight (kg/lb)	1.2 (2.65)
<b>Samsung SMART Signage supported</b>		DM65D/75D, ED65D/75D, ME75C/95C DHD Series, PEC Series

## About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US\$216.7 billion. To discover more, please visit [www.samsung.com](http://www.samsung.com).

Copyright © 2014 Samsung Electronics Co., Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co., Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

For more information about Samsung PIM-HDBT, visit [www.samsung.com/business](http://www.samsung.com/business) or [www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)

HDBaseT is a trademark of HDBaseT Alliance.

HDMI and High-Definition Multimedia Interface are registered trademarks of HDMI Licensing LLC in the United States and other countries.

Valens is a registered trademark of Valens Semiconductor Ltd.

