What is HDBaseT?
HDBaseT is a connectivity standard for home and commercial distribution of uncompressed HD multimedia content.

HDBaseT - 5Play
The cornerstone of HDBaseT technology is 5Play™, a feature set that converges uncompressed full HD/3D and 2K/4K digital video, Dolby Digital, DTS, Dolby TrueHD, DTS HD-Master Audio, 100BaseT Ethernet, PoE and various control signals through a single 100m Cat5e/Cat6 LAN cable.

FEATURES
• Video: HDBaseT delivers full HD / 3D and 2K / 4K uncompressed video to a network of devices or to a single device (point-to-point).
• Audio: HDBaseT audio supports all standard formats, including Dolby Digital, DTS, Dolby TrueHD, and DTS HD-Master Audio.
• Control: HDBaseT enables multiple control signals for multiple purposes: Consumer Electronic Controls (CEC), Recommended Standard (RS)-232, USB, and infrared (IR).
• Ethernet: HDBaseT supports 100Mb Ethernet (up to 100m), enabling communication between televisions, sound systems, computers, and other CE devices as well as access to any stored multimedia content.
• Power (PoE): Up to 100W of DC power can also be delivered over the same CAT5e/6 cable.

HDBaseT Matrix Switch - 5Play

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
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<tbody>
<tr>
<td>HDMI4X4HDBT</td>
<td>4x HDMI In, 4x RJ45 Out</td>
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<tr>
<td>HDMI8X8HDBT</td>
<td>8x HDMI In, 8x RJ45 Out</td>
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<tr>
<td>HDMS507R</td>
<td>Cat6 Receiver with HDMI, PoE, LAN, IR &amp; RS-232</td>
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</table>

- Requires HDMS507R receiver per output device

The HDBaseT™ 4 by 4 or 8 by 8 HDMI Matrix over CAT5e/6/7 supports the transmission of video (resolutions up to 1080p Full HD and (1920x1200@60Hz), multi-channel digital audio and control via IR, RS-232 or Telnet from four or eight high definition sources to four or eight outputs over a single CAT5e/6/7 cable (up to 100m) for each output.

It supports high resolution digital audio formats such as LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio as well as 3D content that can be displayed when connecting a 3DTV and 3D source.

Power over Ethernet (PoE) support means that compatible receivers do not need their own power supplies, allowing for greater flexibility in installations.

FEATURES
• Supports HDMI 3D features
• Supports resolutions VGA - WXGA and 480i - 1080p
• Supports distances up to 100 meters through CAT6 cables and 80m for CAT5e
• Supports PoE (Power over Ethernet)
• Supports bidirectional IR from input and output locations
• Supports RS-232, remote control, on-panel control and IP Control (Telnet)
• 2U size design
• Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD