

Magenta widens video-over-Cat5 performance lead with rack-based accessories

Morph-It™ platform extends receiver range an additional 500 ft., maximizes Cat5 transmitter packing density and simplifies Cat5 switcher implementation

New Milford, Connecticut, May 9, 2006 – Magenta Research, the leader in video, audio and serial signal distribution over Cat5/5e/6 UTP cable, has introduced two Morph-It™ accessory cards, designed to enhance performance and simplify installations.

Morph-It™ is a 4U, rack-based Cat5 signal distribution platform that is effective in applications with many sources, or at the front end of a MultiView or Mondo Matrix Cat5 switcher. One accessory, the Dual EQ Card, extends the effective distance capability of two MultiView Series receivers by 152 metres (500-ft.), potentially saving money by allowing shorter-distance MultiView receivers to be utilized. For example, Morph-It Dual EQ Cards connected to MultiView AK1000 receivers enable 457 metres (1500-ft). computer video extensions. Similarly, Dual EQ Cards with low-cost MultiView 250A receivers enable 229 metres (750-ft). extensions.

Morph-It Dual EQ Cards also include built-in skew compensation to correct for cable-induced color shifting. In a matrix switching application, they allow varying input cable lengths on the source end of the matrix switcher to be nulled, so that when sources are switched to the various destinations, optimum video fidelity is maintained without adjustment. The Morph-It 4U frame holds sixteen Dual EQ Cards, enough to address 32 receivers or balance 32 inputs going into a Mondo Matrix™ Cat5 switcher.

The Morph-It frame alternatively holds sixteen of a second accessory, the Dual Transmitter Card, enabling 32 powered transmitters to be packed into only 4U - less than half the 10U normally required for 32 transmitters and rack-mount power supplies. This is very convenient in high-density transmitter applications, such as a casino with a large number of video sources. Transmitter power is drawn directly from the Morph-It backplane, eliminating power supplies.

Morph-It and the Dual Transmitter Card save capital expense and reduce rack space in applications with twelve or more video sources. Dual Transmitter configurations include video (composite through UXGA) and audio, video and serial, video, audio and serial (-SA version) and optional local monitor



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connector. Morph-It frames and Dual EQ Cards are in stock, with Dual Transmitter Cards available by June 15th.

Morph-It 4UFrame



Morph-It Dual EQCard

For more information call 1300 666 099 or visit www.idt.com.au