DVI Extender: Extend distance between DVI source and display devices

The distance between a DVI display device and the DVI source device can be extended by using a DVI Extender. Connections are secured using a CAT 5 cable thereby eliminating the need for standard DVI cables. Consisting of a local transmitter and receiver unit with the former connected to the video source and the latter to the display, this device operates on simple plug and play functionality. It does not require any additional software or device drivers for operation. Once the connections are secured, the device is ready for relaying video signals. Resolutions of 1920x1200 resulting in crisp and clear images are possible with these extenders.
This device is available in various formats with the most common one being the CAT5 DVI Extender.

Available in 2, 4 and 8 port units, these extension devices are also available as a splitter extender and allow transmission of the same image to multiple locations. Certified by FCC, CE and RoHS, the Cat5 extenders operate at a video amplifier bandwidth of 1.65 GHz. The main features of this device are easy installation due to the magnetic pad enabling them to be quickly attached to a metal surface, compatibility with almost all operating systems and LEDs indicating the DVI activity. The latest models are equipped with a standard 3.5 mm audio jack input which allows long distance audio and video extension.
These days, people prefer the DVI Fiber Optic Extender to all the other categories available since they allow longer distance extensions.

Transmission takes place over fiber optic cables which allow security and are also resistant to RFI and EMI. Both single as well as dual link models are available. The difference between the two lies in the resolutions they support, with the former supporting 1080p / 1920x1200 (WUXGA) and latter up to 2560x1600 (WQXGA+). Working methodology is simple; the input signals are converted to optical light pulses for transmission over fiber optic cable and once they reach the destination, they are again converted to a DVI signal.
These features make the DVI Extender an ideal solution for long range DVI transmission. Various industries such as medical, government, military, educational and hospitality are making use of these devices for displaying local images at multiple locations.