

OCTET™ 1x8 Digital Signage Transmitter

Delivering the distribution options, display metrics & control needed for today's "narrowcasting" / digital communications networks - and tomorrow's



Magenta's new Octet™ 1x8 UTP/CatX transmitter with display-addressable EIA (RS)-232 provides adaptability, control and optimum video resolution over distance.

Octet is optimized to deliver the display control and metrics desired in dynamic signage applications. Combined with Magenta's MultiView™ XR-2000 UTP/CatX receivers, WUXGA video, stereo audio and display-addressable control signals are distributed within a 2,000-foot (610 meter) radius from the source, with no repeaters or booster units.

Two to five Octets may be "cascaded" or chained together, and each Octet may have chained receivers off of each of its eight output ports, optimizing adaptability in terms of the number of displays and their physical layout.

Display control is easily accomplished by giving each Octet transmitter and MultiView –SAP receiver a unique address, from 1 to 255. Broadcasting a message, such as Turn ON/OFF, is accomplished by simply signaling Octet to send data to a "0" address.

Addresses are easily assigned using the on-board menu display and pushbuttons, via the RS-232 communication port or using an internal eight-position dipswitch. Addressing individual displays gives users the ability to not only turn on/off the displays and adjust volume, but also query them regarding how long they've been on and other signage metrics (display-dependent).

For video/audio/serial signal distribution within a radius less than 2,000 feet, multiple shorter-range receiver models are also part of the product range - the user only pays for the distance required. This is representative of Magenta's cost-effective "building block" approach to signal distribution.

OCTET FEATURES & BENEFITS:

- Video/audio/display-addressable EIA(RS)-232 over one UTP / CatX cable
- High resolution: 2048 x 1536 / 1080p compatible
- HDTV / Component / YUV compatible
- Stereo audio
- Eight UTP outputs / cascade-able / daisy-chain receiver-compatible
- Reach any number of displays – from a handful to 255
- Bi-directional control of any or all displays from one COM port
- 2,000 ft. (610m) range using MultiView receivers
- DDC and Vista® compatible
- LCD status display / 1U; rack-mountable
- 3-year warranty