



TruLink® Wireless Digital Signage Distribution System (Transmitter and Receiver)

- The WSDSDS supports resolutions up to 1280x1024 @ 20fps or 1024x768 @ 30fps and contains an integrated “Lip-Sync” function that keeps the video and audio signals in sync with one another across all displays. A web-based software application allows users to manage all transmitters and receivers remotely. This includes the ability to view critical data such as connection rates and link status, as well as perform administrator tasks such as configuring, rebooting, or setting custom screens, from anywhere on the network. Supports Wired LAN (10Base-T/100Base-TX) and Wireless LAN (IEEE802.11a/g: Infrastructure/Ad hoc mode)
- Uses standard Ethernet network infrastructure allowing digital signs to be connected using network cabling and equipment that is already installed in a building*
- Transmit wirelessly up to 50 feet* and wired connection up to 3000 feet
- Plug-and-play functionality allows the transmitter and receivers to automatically detect one another making installation and setup quick and easy
- DVI-I connectors on the transmitter and receivers allow analog (VGA) or digital connections (DVI or HDMI) for maximum flexibility
- RS-232 port on receivers allow for additional control of the connected displays
- Flexible external antenna connectors allow for multiple antenna options and placement to meet your application

*Note: Distance varies depending on walls, obstacles, and electrical interference. Significantly larger distances are possible by using directional antennas. (Not included)
This system generates a large volume of multicast traffic, it should be on its own isolated network segment to avoid interference with other network information.

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Specification: TruLink® Wireless Digital Signage Distribution System (Transmitter and Receiver)

Component Material:

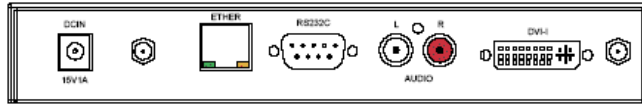
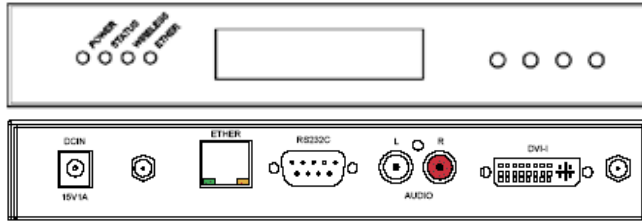
Enclosure Material: Metal
 Logo Marking: White Printing Ink

Approvals: RoHS Compliant

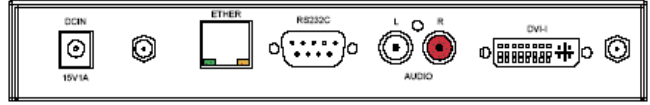
Warranty: One Year

Package Type: Box

Transmitter-PN# 29505



Receiver-PN# 29506



System Information

CPU: Toshiba [TX4349] 400 MHz (32/64bit MIPS)
 RAM: 128MB DDR
 ROM: 8MB

Interface

Video: DVH (Use VGA-DVI cable for Analog RGB Input or Output/Component Input)
 Audio: RCA Connector
 Serial: RS-232 (DB9) - x 1
 Ethernet: 10BASE-T / 100BASE-TX Auto detection (RJ-45) - x 1
 Wireless: IEEE 802.11a / b / g mini PCI module- x1 (SX-10WAG)
 Distance: Up to 50 feet with included antenna; Wired up to 3000 feet

Power: AC adapter (Operating voltage: 12~15V)
 LCD: 16 characters x 2 lines (Transmitter only)
 IR I/F: IR remote control (Receiver only)
 LED: 4 LEDs on front side "POWER" / "STATUS" / "WIRELESS" / "ETHER"
 2 LEDs on back side
 RJ-45 "Link" / "Status"
 Push Switch: 4 buttons on front side "MENU" / "-" / "+" / "SET"

Operating Environment

Operating Temp.: +32 to +90 degrees F (0 to 35 degrees C)
 Storage Temp.: -4 to +140 degrees F (-20 to 60 degrees C)
 Operating Humidity: 20% to 80% RH (non-condensing)
 Storage Humidity: 20% to 80% (non-condensing)

Power Consumption: 6-10W (normal operation)
External Power Supply: AC 90-230V @ 60Hz input, DC 12V 1.5A output

Dimensions

Unit Size:: 1.25"H x 8.0"W x 4.5"D (Transmitter and Receiver)
 Unit Weight: 1.65 lbs (Transmitter) / 1.55 lbs (Receiver)
 Box Dimensions: 8.25"H x 11.5"W x 2.5"D

Supported Resolution	Digital	Analog	Component	Max Frame Rate
VGA (640x480)	✓	✓	—	30fps
480i (720x480)	—	—	✓	30fps
480p (720x480)	✓	—	✓	30fps
SVGA (800x600)	✓	✓	—	30fps
XGA (1024x768)	✓	✓	—	30fps
720p (1280x768)	✓	—	✓	30fps
WXGA (1280x768)	✓	✓	—	30fps
FWXGA (1360x768)	✓	✓	—	20fps
SXGA (1280x1024)	✓	✓	—	20fps