



MOD6320-T

WirelessHD[®]

Transmitter Module

The MOD6320-T is a WirelessHD module for highly integrated video source devices and transmitter adapters. The transmitter module provides a digital audio/video interface compatible with HDMI[®], enabling wireless transmission of 1080p quality video to any WirelessHD-compliant receiver. WirelessHD effectively eliminates unsightly cable installation, while maintaining the same visual quality and reliability.

Applications

- Wireless video transmit adapter
- Medical source and displays
- Industrial source and displays
- Cell phone dock station
- Blu-ray player
- Set-top boxes

Key Features

- WirelessHD v1.1 compliant
- 60GHz wireless video free from interference
- Wide support for video resolutions
 - VGA through WUXGA
 - 480i/576i to 1080p/60Hz
 - 3D video support
 - 720p/1080p
- Average 5 ms video latency, ideal for real-time video delivery
- Surround sound audio
- CEC or AVC commands
- HDCP 1.4 content protection

Benefits Summary

- Quick time-to-market. Modules are performance tested and regulatory approved.
- Sub-frame latency perfect for highly interactive applications
- Ease of use and installation

Industry-Standard Compliance

- WirelessHD Specification v1.1
- HDMI 1.4b
- HDCP 1.4

Digital Input/Output

- HDMI
- USB for debug
- I²C for advanced control

Wireless Range

- Up to 10 m in-room

Operating Frequency

- 59.40GHz to 63.72GHz
- Channels 2 and 3

Operating Temperature

- 0 to 60 degrees Celsius ambient temperature

Modular Regulatory Approval

- FCC (USA)
- IC (Canada)
- ETSI (EU)
- TELEC (Japan)

Module Dimensions

- 74 mm x 17 mm x 5.4 mm
- Cable length 30 mm

MOD6320-T Package Content

- One MOD6320-T module
- One FPC cable

Ordering Information

- Part Number: MOD6320-T

MOD6320_6321-PAIR

Package Content

- One MOD6320-T module
- One MOD6321-R module
- Two FPC cables

Ordering Information

- Part Number: MOD6320_6321-PAIR