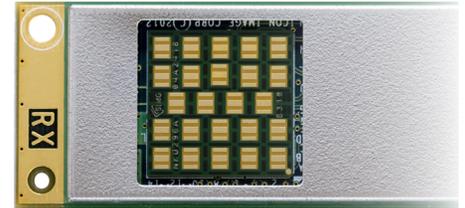


MOD6321-R

WirelessHD[®] Receiver Module

The MOD6321-R/MOD6321-4K-R is a WirelessHD[®] module for highly integrated display devices and receiver adapters built with SiBEAM[®] technology. The receiver module provides a digital audio/video interface compatible with HDMI[®], which allows reception of high quality video from any WirelessHD[®]-compliant transmitter. WirelessHD[®] effectively eliminates unsightly cable installation, while maintaining the same visual quality and reliability.



Applications

- Wireless video receive adapter
- Medical displays
- Industrial displays
- Video projector

Key Features

- WirelessHD[®] v1.1 compliant
- 60 GHz wireless video free from interference
- MOD6321-R supports maximum resolution 1080p/60Hz
- MOD6321-4K-R supports maximum resolution 1080p/120Hz or 4K30 when used with SiI9396 HDMI bridge device¹
- Average 5 ms video latency
- Surround sound audio
- CEC or AVC commands
- HDCP content protection

Benefits Summary

- Quick time-to-market
- Sub-frame latency
- Ease of use and installation

Ordering Information

Part Number: MOD6321-R	Part Number: MOD6321-R-C*
Part Number: MOD6321-R-12	Part Number: MOD6321-R-12-C*
Part Number: MOD6321-4K-R ¹	Part Number: MOD6321-4K-R-C* ¹
Part Number: MOD6321-4K-R-12 ¹	Part Number: MOD6321-4K-R-12-C* ¹

All parts include module.

* Also Includes cable

¹ 4K modules require SiI9396 device. Please order separately.

Specifications

Industry-Standard Compliance	WirelessHD [®] Specification v1.1
	HDMI 1.4b / 2.0
	HDCP 1.4 / 2.2
Digital Input/Output	HDMI
	USB for debug
	I ² C for advanced control
Wireless Range	Up to 10 m in-room
Operating Frequency	59.40 GHz to 63.72 GHz
	Channels 2 and 3
Operating Temperature	0 to 60 °C ambient temperature
Modular Regulatory Approval	IC (Canada) SRRC (China) ETSI (EU) KCC (Korea) TELEC (Japan) FCC (USA)
Antenna Polarization Options	MOD6321-R/MOD6321-4K-R (Single Polarization) Recommended for stationary applications
	MOD6321-R-12/MOD6321-4K-R-12 (Dual Polarization) Recommended for portable applications
Module Dimensions	74 mm x 17 mm x 5.4 mm
	Cable length 30 mm