





## Asus WiCast EW2000 User Manual

Wireless hdmi kit



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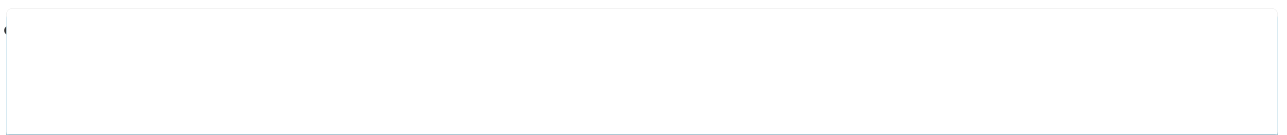
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*WiCast*

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# Related Manuals for Asus WiCast EW2000

## [Extender Asus WiCast EW2000 User Manual](#)

Wireless hdmi kit (24 pages)

## [Transmitter Asus BR-HD3 Supplementary Manual](#)

Wireless hdmi kit (10 pages)

## Summary of Contents for Asus WiCast EW2000

[Page 2](#) User Manual Model No.:EW2000 Model name: WHDI transmitter module Version: v0.1 Date: July-12, 2010...

[Page 3](#) 20cm between the radiator & your body. This module is intended for OEM integrator only and limited to host with ASUS WiCast model: EW2000; EW2000TX. The OEM integrator is still responsible for the FCC compliance requirement of the end product, which integrates this module. ...

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This Class [B] digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada. Contents Revision History  
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.....4 3.2.

### [Page 5: Overview](#)

Overview 3.1. Scope The EW2000 wireless transmitter module, together with the EW2000 wireless receiver module, presents the ultimate solution for converting any High Definition (HD) system into a wireless one. This add-on module enables wireless A/V applications that easily fit into the living room and eliminate traditional A/V wiring.

### [Page 6: Specification](#)

3.3. Specification Interface Digital Video:30-bit RGB or YCrCb Digital audio: I2S and SPDIF Two-Wire serial bus slave interface One interrupt line Network Standard 5GHz unlicensed band Modulation OFDM Technique Proprietary 5.18GHz to 5.875GHz Operating Frequency Operating Channels USA/Canada: 36/40/44/48/149/153/157/161/165 Japan: 36/40/44/48 EU/AUS/NZ: 36/40/44/48 RF Output Power Antenna...

### [Page 7: Mechanical Characteristics](#)

3.4. Mechanical Characteristics...

### [Page 8: Module Function Block Diagram](#)

3.5. Module function Block Diagram 3.6. RoHS Compliant HM510 is fully compliant to RoHS requirement. 3.7. EMI EMC certifications HM510 is fully compliant with FCC regulatory requirements.

### [Page 9: Engineering Sheets](#)

4. Engineering sheets Pins Out and Pin Descriptions : WHDI\_DCLK WHDI\_H\_SYNC WHDI\_V\_SYNC WHDI\_DE WHDI\_D34 WHDI\_D35 WHDI\_D32 WHDI\_D33 WHDI\_D30 WHDI\_D31 WHDI\_D28 WHDI\_D29 WHDI\_D26 WHDI\_D27 WHDI\_D22 WHDI\_D23 WHDI\_D20 WHDI\_D21 WHDI\_D18 WHDI\_D19 WHDI\_D16 WHDI\_D17 WHDI\_APP\_DEBUG1\_D14 WHDI\_APP\_DEBUG2\_D15 WHDI\_D10 WHDI\_D11 WHDI\_D8 WHDI\_D9 WHDI\_D6 WHDI\_D7 WHDI\_D4 WHDI\_D5 WHDI\_D2 WHDI\_D3...

[Page 10](#) WHDI\_M\_SDA WHDI\_RESET\_IN WHDI\_INT\_OUT\_PE WHDI\_HDMI\_RESET\_OUT WHDI\_HDMI\_INT\_IN WHDI\_GPIO0 WHDI\_PWM0 WHDI\_GPIO1 WHDI\_PWM1 WHDI\_GPIO2...

