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Brief Datasheet

PRODUCT: CWFD301

DESCRIPTION: Wireless Display Mini Box (TX Box)-PC Adapter (PCA)

Approved Signatures	鉅景科技 股份有限公司
	Contact Person:

1. INTRODUCTION

Wireless Display Mini Box will enable a simple and easy connection between any PC and TV. It offers users a cable-free option to get pictures, videos and other media onto televisions from PCs. Your home television will become a virtual PC, which can browse the web, access internet, stream videos, play games, and enjoy photos, even use Facebook, MSN, Skype and much more. WiDi Box supports high definition media playback capabilities with capture function – The video of PC side is copied by wireless through our product and the video is displayed by HDMI on TV side. You can play the high definition 1080p video on HDTV at anyway you like. The WiDi Box is a pair of two boxes, TX Box and RX Box, and they would provide the best performance for your TV. A TX Box is connected to PC, so called PC Adapter (PCA). A RX Box is connected to TV, so called TV Adapter (TVA).

2. FEATURE

- All standard VGA resolutions from 640x480 to 1920x1080 at 60Hz

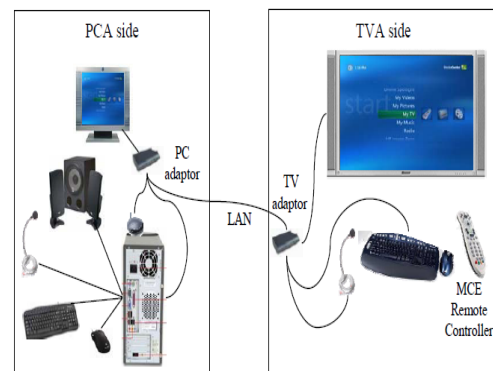
New popular wide screen formats

- 1440x900
- 1400x1050
- 1680x1050
- 1360x768

Input and Output frame rate

- 640x480~800x600 @ 30fps
- 1024x768 @ 30fps
- 1280x1024~1680x1050 @ 30fps
- 1920x1080 @ 25fps

- Video resolution, input and output
- Audio : Stereo L/R
- Plug and Play installation
- Auto discovery, setup, and connect
- Adjustable network bandwidth
- Supports lock to the PC Adapter (PCA)
- Supports OSD on TV, show list of PCAs, allow selections of PCA to connect with TV Adapter (TVA)



3. SPECIFICATION

Standard	IEEE 802.11 a/b/g/n
Wireless LAN	2T2R MIMO mode
Antenna	External SMA connector (2dBi dipole antenna as default)
Interface	HDMI port *1 Reset button Slide switch to enable/disable IR function
Frequency Range	802.11a 5.15~ 5.85GHz 802.11b/g 2.4~2.484GHz 802.11n 2.4~2.484GHz and 5.15GHz~5.85 GHz(Subject to local regulations)
Data Rate	802.11b : 1, 2, 5, 5, 11Mbps 802.11g : 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11a : 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n : 6.5, 13, 19.5, 26, 39, 52, 58.5, 65Mbps
Transmit Power +/- 2dBm (EIRP)	11n HT40 MCS7 : +14dBm 11b : +17dBm 11gn : +15dBm 11a : +13dBm
Receiver Sensitivity	11an/gn -66dBm at HT40 (MCS7) 11an/gn -67dBm at HT20 (MCS15) 11a/g -72dBm at 54Mbps 11b 80dBm at 11Mbps
LED	Power, WiFi, Traffic
Power Requirement	Full range 100V ~240V DC 5V/1.2A (Mini USB) Power consumption: 2.5W Max.
Range	Indoors : up to 25~50 meters
Dimension	Weight : 120g Dimension : 86(L)*55(W)*17(H)mm
Certifications	FCC/CE