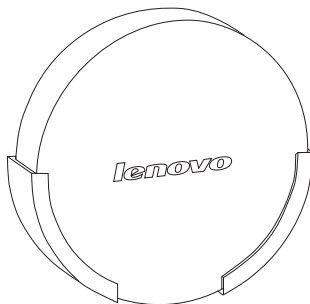Lenovo.

LENOVO CAST
WD200

Quick Start Guide v1.0

Important Safety Tips

Thank you for choosing the WD200 Lenovo Cast. Please read the instructions for use carefully and keep in a safe place for future reference.

Read the following instructions carefully before using the device:

Please use in an indoor environment.

To guarantee product performance, please ensure proper placement.

To guarantee product performance, optimize the network environment as much as possible.

Please do not use the device in bathrooms and other wet or humid places.

Please do not attempt to disassemble and repair the device. In case of failure, please contact customer services.

Chapter 1 Product Specifications

Wireless Network Card	Wi-Fi: IEEE 802.11 a/b/g/n 2.4 or 5.8GHz dual-band wireless network card
Video Output Port	HDMI
Dimensions	15*70mm
Weight	50g
Working Voltage/ Current	DC: 5V ⎓ 1A~2A
Optimal Screen Distance	Maximum screen distance for 2.4GHz frequency band is approximately 5 meters Maximum screen distance for 5.8GHz frequency band is approximately 10-15 meters

Note: This product supports 2.4GHz/5GHz frequency bands. The default connection status is 2.4GHz. For a better product experience, please connect this product to a 5GHz router. For connections see 4.4.2.
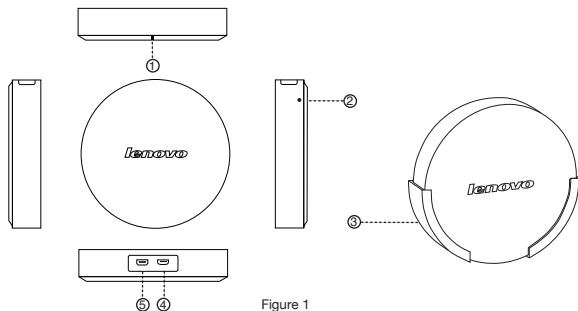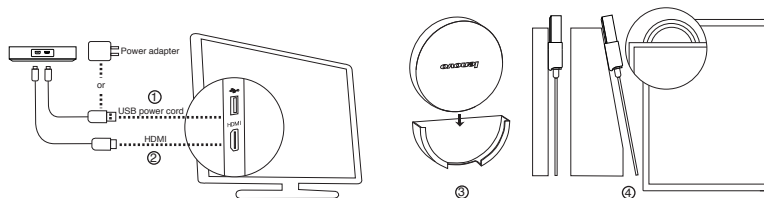
Figure 1

No.	Description
①	Indicator light - will turn on seven seconds after being powered on and will blink when running
②	Reset button - press to restore factory settings
③	Bracket - to affix the host to the back of the HD display device
④	MicroUSB power supply port
⑤	HDMI port

Note: This product connects to an HD display device through the bracket. To guarantee connection signal stability, make sure this product is exposed to the HD display device (see Figure ④) or place it on a table.
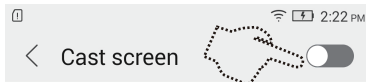
Chapter 4 Main Features

4.1 Miracast Features

This product supports Miracast. With Miracast, tablet or smartphone displays can be completely mirrored onto an HD display device via a wireless connection so that both screens display the same images. Native Android 4.2 and above operating systems are equipped with Miracast functionality. Please check whether your device has this feature.

4.1.1 Steps for connecting to Miracast

1) System Settings > Display > Screencast/Wireless Display (please ensure that your Wi-Fi is turned on).
2) You will be prompted with the message "To see the device, please turn on the screencast function" or "To see the device, please turn on the wireless display function".
3) Click on the "Screencast" or "Wireless Display" button in the top right where the available device name "Lenovo WD200_XX" will appear. This name should be the same as the name of the HD display device in the lower left hand corner. Click to select this device name and the tablet or smartphone will automatically connect to this product. After several seconds, the Miracast connection will be established and the tablet or smartphone screen will be projected onto the HD display device.

4.1.2 Turning off and disconnecting the Miracast connection

Enter "Screencast" or "Wireless Display". When the name "Lenovo WD200_xx" appears, it should be "Connected". Click on the device name, and when you see the prompt "This will disconnect you from the following device: Lenovo WD200_XX", click "Confirm". The tablet or smartphone screen will be disconnected from the host device.

4.1.3 Windows 8.1 Miracast Features

This product supports Windows 8.1 Miracast wireless display technology. Please confirm that your PC supports Miracast and has the latest drivers.

4.2 iOS/Mac OS Features

This product supports for iOS/Mac OS systems. This feature can display tablet or smartphone screens directly onto an HD display device or directly transfer images, music or videos onto an HD display device for playback. Playback can also be controlled from your smartphone.
Note: This product supports iPhone 4S and iPad 2 and above.

4.3 DLNA Features

This product supports DLNA. With DLNA, tablet or smartphone images, music or videos can be directly transferred to an HD display device for playback. Playback can also be controlled from your smartphone.
Tip: Before using this feature, please download the software package ScreenCastShare from the Lenovo App Store. This product also supports third-party DLNA software.

4.4 Settings

This product's network connection, language selection, display output ratio and software upgrade, settings can be changed using a tablet or smartphone.

4.4.1 Enter Settings

(1) Connect to this product using a tablet or smartphone via a Wi-Fi connection.
(2) Open the smartphone browser and enter the IP address displayed at the bottom right hand corner of the HD display device to enter Settings.

4.4.2 Wi-Fi Connection Settings
(1) Enter Settings.
(2) Select Wi-Fi connection.
(3) Select the name of the router you want to connect to and enter the password. Once the device is connected, the HD display device will display the router name.
Note: If using iOS/Mac OS or DLNA, the tablet or smartphone must be connected to the same router as this product.
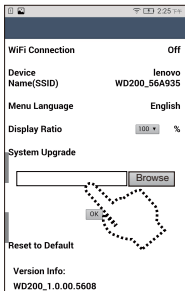
4.4.3 System Upgrades
(1) Download the upgrade file to the smartphone or PC.
(2) Open the browser and enter Settings.
(3) Select System Upgrade.

Wi-Fi Connection Settings

System Upgrades

(4) Click "Select File" and select the downloaded upgrade file.
(5) Click "OK" to begin the upgrade.
Tip: While the system is upgrading, the host may be restarted. Please do not switch off the host. Please download the product's latest firmware from the Lenovo website.
http://support.lenovo.com/us/en/documents/wd200

Chapter 5 Troubleshooting

● Why don't I have a smooth screencast connection when I use this product?
Wireless screencasts are susceptible to network interference. Weak network signals or poor network environments will often experience buffering. When using this product, please ensure that there are no obstructions between the product and your host that may interfere with the wireless signal. If you are using a 5GHz router, please be sure to connect to the 5GHz frequency band.

● Why does the Miracast connection for this product disconnect when I change the smartphone Wi-Fi settings?
The smartphone Wi-Fi network transfers data over a channel. When changing Wi-Fi settings, it may cause changes in the channel, such that Miracast pairing information will be lost, causing the screencast to disconnect. First connect the smartphone or tablet via Wi-Fi and then setup Miracast.

● Why am I experiencing poor DLNA or iOS video playback, especially with 1080p video files?
The quality of network communication depends on the operating status of the wireless network. If the wireless network is overloaded, it will affect the speed of this product and influence the quality of video playback. If there are multiple routers nearby, this may also interfere with this product's wireless playback. When there are too many devices connected to the same network, this will also reduce this product's bandwidth usage. Please turn off surrounding unused wireless routers and select an idle wireless router or lower the wireless network workload. Turn off downloads and other programs and playback the video again.

● Why can't I find the WD200 Wi-Fi name on my smartphone after this product is connected to the router?
Once this product is connected to the router, it will reassign a new IP address, and the hotspot will disappear. When this happens, if you are using DLNA or iOS, the device will appear if your smartphone or tablet connects to the same router as the device.

● How can I watch online video content on this product in DLNA/iOS mode?
First connect the WD200 to a router that can access the Internet. Connect the smartphone or tablet to the same router via Wi-Fi. Then download a third-party video streaming app on the mobile terminal that supports DLNA or iOS/Mac OS. Search for ⬛ or 🌐 on the playback interface. Click on the icon and the WD200 device name will appear. Click on the name and the video will be pushed to the HD display device for playback.

Learn more:
If you would like to learn more information about WD200 features, please see the "WD200 User Manual". In your browser, please open http://support.lenovo.com/us/en/documents/wd200 for detailed instructions.

Environmental, recycling, and disposal information

General recycling statement
Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to: http://www.lenovo.com/recycling.

Important WEEE information

	Electrical and electronic equipment marked with the symbol of a crossed-out wheeled bin may not be disposed as unsorted municipal waste. Waste of electrical and electronic equipment (WEEE) shall be treated separately using the collection framework available to customers for the return, recycling, and treatment of WEEE. Country-specific information is available at: http://www.lenovo.com/recycling

Recycling information for India
Recycling and disposal information for India is available at:
http://www.lenovo.com/social_responsibility/us/en/sustainability/ptb_india.html.

Restriction of Hazardous Substances Directive (RoHS)

Turkish
The Lenovo product meets the requirements of the Republic of Turkey Directive on the Restriction of the Use of Certain Hazardous Substances in Waste Electrical and Electronic Equipment (WEEE).

Türkiye AEEE Yönetmeliğine Uygunluk Beyanı

Bu Lenovo ürünü, T.C. Çevre ve Orman Bakanlığı'nın "Atık Elektrikli ve Elektronik Eşya Bazı Zararlı Maddelerin Kullanımının Sınırlandırılmasına Dair Yönetmelik (AEEE)" direktiflerine uygundur.

AEEE Yönetmeliğine Uygundur.

Ukraine

Цим підтверджуємо, що продукція Леново відповідає вимогам нормативних актів України, які обмежують вміст небезпечних речовин

India
RoHS compliant as per E-Waste (Management & Handling) Rules, 2011.

Vietnam

Lenovo products sold in Vietnam, on or after September 23, 2011, meet the requirements of the Vietnam Circular 30/2011/TT-BCT ("Vietnam RoHS").

European Union

Lenovo products sold in the European Union, on or after 3 January 2013 meet the requirements of Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("RoHS recast" or "RoHS 2").

For more information about Lenovo progress on RoHS, go to:

http://www.lenovo.com/social_responsibility/us/en/RoHS_Communication.pdf.

Trademarks

"联想", "Lenovo", "Lenovo 联想" and other Lenovo logos are registered trademarks or trademarks of Lenovo. iOS/Mac OS and ⬛ are registered trademarks of Apple Inc.

Copyright

The contents of this manual are copyright protected by law, and no person shall copy or reproduce this manual by any means or upload this manual to any wired or wireless network by any means or translate this manual into any language without Lenovo's prior written authorization.

Electronic emission notices

The following information refers to the Lenovo Cast (model: WD200).

■Federal Communication Commission Interference Statement

Lenovo Cast FCC ID：O57WD200

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

●Reorient or relocate the receiving antenna.
●Increase the separation between the equipment and receiver.
●Connect the equipment into an outlet on a circuit different from that
　to which the receiver is connected.
●Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:
●Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
●This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FOR MOBILE DEVICE USAGE

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FOR COUNTRY CODE SELECTION USAGE

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

■ Europe — EU Declaration of Conformity

Products intended for sale within the European Union are marked with the European Conformity (CE) Marking, which indicates compliance with the applicable Directives and European Norms, and amendments, identified below.
For model: WD200

CE2200①

Lenovo.

Date: **July 13, 2015**

Declaration of Conformity

We, Lenovo (Shanghai) Electronics Technology Co., Ltd.**,**

Address: No. 68 Building, 199 Fenju Road, Wai Gao Qiao FTZ, Shanghai, China

Declare under our own responsibility that the product:

Model Name: WD200
Intended use: LENOVO CAST

Complies with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directive, if used for its intended use and that the following standards have been applied:

1. **Health (Article 3.1(a) of the R&TTE Directive)**

    Applied Standard(s):
    ■ EN 62311 : 2008

2. **Safety (Article 3.1(a) of the R&TTE Directive)**

    Applied Standard(s):
    ■ EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013

3. **Electromagnetic compatibility (Article 3.1 (b) of the R&TTE Directive)**

    Applied Standard(s):
    ■ EN 301 489-1 V1.9.2 / -17 V2.2.1

4. **Radio frequency spectrum usage (Article 3.2 of the R&TTE Directive)**

    Applied Standard(s):
    ■ EN 300 328 V1.8.1
    ■ EN 301 893 V1.7.1

Weiting Sun

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Countries List where the device will be sold to

Country	Country Code
Austria	AT
Germany	DE
Switzerland	CH
Belgium	BE
Denmark	DK
Estonia	EE
Finland	FI
Iceland	IS
Latvia	LV
Lithuania	LT
Netherlands	NL
Norway	NO
Sweden	SE
France	FR
Italy	IT
Spain	ES
Portugal	PT
United Kingdom	GB

Reduce | Reuse | Recycle