

# ZyXEL



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- WiHD™ support for wireless 3D videos in full HD 1080p on HDTV
- Plug-and-play for connecting up to four HDMI-enabled devices
- Interference-free 60 GHz transmission optimized for multimedia

## Stream Crystal-clear 3D Media Wirelessly

The ZyXEL WHD6215 4-Port Wireless HDMI Kit brings you HD video streaming and gaming from anywhere in a room. Just connect Blu-ray players, media players, and game consoles to the WHD6215, you can immediately enjoy videos and play online games without any wiring arrangements to and from your HDTV.

### Benefits



#### Enjoy 3D videos wirelessly

With WiHD™ technology support, the ZyXEL WHD6215 4-Port Wireless HDMI Kit not only offers true 3D videos in full HD 1080p with 7.1-channel surround sound from anywhere to the HDTV in your living room, but also brings greater flexibility for designing home theater centers without the cluttered cables to and from your TV.

By transmitting over the 60 GHz band instead of 2.4 GHz, the WHD6215 brings you the true interference-free, reliable HD media streaming experience without lag or frame loss.



### Connect with Plug-and-play design

Just plug up to four of your favorite HDMI-enabled devices, like Blu-ray/DVD players, game consoles, laptop, tablet PC and smartphones, into the WHD6215 transmitter and connect an HDTV or projector to the WHD6215 receiver, you can have an instant home HD theater without the unsightly wires or extra configuration. Having the easy-to-use WHD6215 remote control on hand, you can effortlessly switch between your favorite videos, games and music — enjoy now!

**WHD6215**  
4-Port Wireless  
HDMI Kit





### Specifications

#### System Specifications

##### Wireless Standard

- WirelessHD™ 1.0

##### Wireless Transfer Rate

- Up to 4 Gbps over 60 GHz wireless frequency

##### Range

- In-room range up to 10 meters (30 feet)

##### Interface

- HDMI 1.4a (3D) with CEC support

##### Security

- HDCP 2.0 content protection

##### Signal Compatibility

- 480i (SDTV) and 480p (EDTV)
- 720p (HDTV 2D & 3D)
- 1080i (HDTV) and 1080p (FHDTV 2D & 3D)
- Supports 7.1-channel surround

##### 2D Resolution Capability

- 480i, 480p, 720p, 720p-3D, 1080i, 1080p and 1080p-3D

##### 3D Format Support

- Frame packing
- Side by side
- Top and bottom

##### Audio Support

- 2 to 8ch LPCM @32 KHz ~ 96 KHz
- 2ch LPCM @176.4 KHz and 192 KHz
- 2 to 6ch Dolby Digital & DTS @32 KHz ~ 48 KHz

- LED indicators
  - Link/Power indicator
    - No connection: blinking
    - Connection associated: steady
- HDMI 1 ~ 4
- Power supply
  - Input: 120 V ~ 240 V AC
  - Output: 12 V DC, 1.0 A
- Power consumption
  - Full operation: 9 Watt max.
  - Power-saving mode: 4.0 Watt max.

##### Receiver

- 32 antenna array with auto tracing
- A/V output: one HDMI 1.4a port
- Switch
  - Power on/off switch
- LED indicators
  - Link/Power indicator
    - No connection: blinking
    - Connection associated: steady
- Power supply
  - Input: 120 V ~ 240 V AC
  - Output: 5 V DC, 2.0 A
- Power consumption
  - Full operation: 6.5 Watt max.
  - Power-saving mode: 2.6 Watt max.

##### Remote Control

- Buttons
  - Four HDMI switch buttons
  - Power-saving mode button

- Item weight:
  - Transmitter: 372 g (0.82 lb.)
  - Receiver: 232 g (0.51 lb.)
- Packing dimensions (WxDxH): 280 x 173 x 210 mm (11.02" x 6.81" x 8.27")
- Packing weight: 1,544g (3.4 lb.)

#### Environmental Specifications

##### Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% (Non-condensing)

##### Storage Environment

- Temperature: -20°C to 70°C (-4°F to 158°F)
- Humidity: 5% to 90% (Non-condensing)

#### Certification

- Safety: CE LVD
- EMC: CE, FCC, IC
- Others: WiHD™, HDMI

#### Package Contents

- Wireless HDMI kit (Transmitter & Receiver)
- Two HDMI cables
- Remote control (Batteries included)
- Wallmount bracket (Screws included)
- Power adapters
- Quick start guide
- Warranty card

#### Hardware Specifications

##### Transmitter

- 32 antenna array with auto tracing
- A/V input: four HDMI 1.4a ports
- Button/Switch
  - HDMI switch button
  - Power on/off switch

#### Physical Specifications

- Item dimensions (WxDxH):
  - Transmitter: 181.1 x 156.1 x 57.6 mm (7.13" x 6.14" x 2.28")
  - Receiver: 148.1 x 118.6 x 44.7 mm (5.83" x 4.69" x 1.77")

### Application Diagram



#### Transmitter



#### Receiver



For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)