

# WiMi 4000

Low Latency (80ms)  
Full HD & Streaming by  
H.264 Encoder

## Characteristics of **WiMi4000**

### **Full HD sender (Ethernet/Internet)**

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- H.264 (MPEG-4 Parts10: AVC)
- Baseline Profile with level 4.2
- Low latency ,end-to-end (80~100ms), H.264 engine
- Transport 1080p60 full HD over Ethernet/Internet
- Video formats of DTV and VESA spec.
- Linear-PCM and compressed audio
- Maximum encoding rate of 12Mbps

### **Live streaming from CCTV, Camera over Internet**

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- Full HD live streaming server (Transmitter & Receiver)
- RTSP streaming server (RTP/UDP)
- MPEG-2 TS/UDP streaming
- Easy control with Web User Interface
- HD contents display for digital signage

### **Save bandwidth cost with multicasting**

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- Multicasting: No limits on the number of receivers when the multicasting network is configured
- Relay Streaming server on the receiver

### **Applications**

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- Digital Signage
- Control Room
- Medical Imaging
- Full HD Video TX
- Low-cost Full HD Encoder
- Full HD Live Streaming
- RTSP/MPEG-2 TS Server
- Education/Multi-Vision

## WiMi4000T/R



WiMi4000T



WiMi4000R



## Interfaces of WiMi4000

### Video Interfaces

- 2 x HDMI (DVI): up to 1080p60, HDMI v1.3 compatible
- PC (HD-15): VESA formats up to 1920 x 1080p60
- Composite video: 720 x 480i60 and 720 x 576i50

### Audio Interfaces

- Digital: Linear PCM (44.1kHz/48kHz) or compressed 5.1
- Analog: Stereo, 48kHz 16-bit linear PCM, G.711
- Jack: RCA stereo & mini stereo phone

### Network Interfaces

- 10/100 BASE-TX, Cat.5e UTP cable

## Video Specifications of WiMi4000

Resolutions	Transmitter			Receiver		
	HDMI	PC	CVBS	HDMI	COMP	CVBS
640x480p60/70/85	○	○	×	○	×	×
800x600p60/70/85	○	○	×	○	×	×
1024x768p60/70/85	○	○	×	○	×	×
1152x864p60/70/85	○	○	×	○	×	×
1280x800p60	○	○	×	○	×	×
1280x960p60/70/85	○	○	×	○	×	×
1280x1024p60	○	○	×	○	×	×
1360x768p60	○	○	×	○	×	×
1440x900p60	○	×	×	○	×	×
1600x1200RP60	○	○	×	○	×	×
1600x900p60	○	×	×	○	×	×
1680x1050p60	○	○	×	○	×	×
720x480i60(NTSC)	○	○	○	○	○	○
720x576i50(PAL)	○	○	○	○	○	○
720x480p60	○	○	×	○	○	×
720x576p50	○	○	×	○	○	×
1280x720p50/60	○	○	×	○	○	×
1920x1080i50/60	○	○	×	○	○	×
1920x1080p24	○	○	×	○	×	×
1920x1080p25/30	○	×	×	○	×	×
1920x1080p50/60	○	○	×	○	×	×