

WiMi 6400

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

Characteristics of **WiMi6400**

Full HD sender over Ethernet/Internet

- 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
- SD/HD/3G-SDI interface compliant with SMPTE
- Video formats of DTV and VESA spec.
- 2 channel Linear-PCM and G.711 compressed audio
- Maximum encoding rate of 30Mbps
- Back channel audio

Save bandwidth cost

- Multicasting: No limits on the number of receivers with multicast IP address
- Relay Streaming server on the receiver side

Live streaming from CCTV, Camera over Internet

- Full HD live streaming server (Transmitter & Receiver)
- RTSP streaming server (RTP/UDP)
- MPEG-2 TS/UDP streaming
- Flexible video output with video scaler on the receiver
- Easy control with Web User Interface via Android smart phone
- Full duplex serial port for relaying external control signals
- HD contents display for digital signage

Applications

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

WiMi6400T/R



WiMi6400T



WiMi6400R



Interfaces of WiMi6400

Video Interfaces

- SD/HD/3D-SDI (SMPTE standard)
- HDMI (DVI): up to 1080p60, HDMI v1.3 compatible
- PC (HD-15): VESA formats up to 1920 x 1080p60

Audio Interfaces

- Digital: Linear PCM (44.1kHz/48kHz)
- Analog: Stereo, 48kHz 16-bit linear PCM, G.711
- Back channel audio: 8kHz 16-bit linear PCM
- Analog audio jack: 3mm mini stereo phone

Network Interfaces

- 10/100 BASE-TX, Cat.5e UTP cable
- Power over Ethernet (PoE) device (Option)
- USB: Web UI via Android smart phone with free Android application, WiMi Connector

Video Specifications of WiMi6400

HDMI (VESA)	1080p60/p59.94/p50/p30/p29.97/p24/p23.98/159.94/150, 720p60/p59.94/p50, 576p50, WSXGA+(1680x1050), SXGA(1280x1024), WXGA(1280x800), XGA(1024x768), SVGA(800x600), VGA(640x480)
SMPTE244	480i59.94 (NTSC)
IEC61179-5	576i50 (PAL)
SMPTE 296M	720p23.98, 720p24, 720p25, 720p29.97, 720p30, 720p50, 720p59.94, 720p60
SMPTE 274M	1080i50, 1080i59.94, 1080i60, 1080PsF23.98, 080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60