

**Plug-in-and Play  
Audio/Video Over IP**

# IP

iping Audio/Video Transmission

**Plug-in-and-Play** Your Real-Time Audio/Video  
Distribution Over **IP**



## Current Problems

### Audio/Video Over CAT-5

- No intelligence, no QoS, no vLAN
- Limited to point-to-point links

### Audio/Video Over Fiber

- Fibers are not always available
- Too expensive

## Introducing . . .

### Plug-in-and-Play Audio/Video Over IP

- Simple set up and configuration
- Quality of Service (QoS)
- Virtual networking (vLAN)
- Unicast/Multicast
- Inexpensive
- Any media (CAT-5, fiber, Wi-Fi)



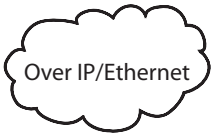
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**Composite Video+Audio+Data**

### 230i/240i

- Real-time high-quality video/audio transmission over IP network
- MPEG-2 MP@ML with RTSP streaming protocol



230i-T	Transmitter, Video/Audio	$\xrightarrow{V}$	$\xrightarrow{2A}$
230i-R	Receiver, Video/Audio		
240i-D	Transceiver, Video/Audio/Data	$\xleftarrow{V}$	$\xleftarrow{2A}$ $\xleftrightarrow{RS-232}$



**Multi-Channel Video+Audio**

### 310i/320i

- Real-time high-quality video/audio transmission over IP network
- MPEG-2 MP@ML with RTSP streaming protocol



312i-T	Transmitter, Video/Audio, 2-ch	$\xrightarrow{2V}$	$\xrightarrow{4A}$
312i-R	Receiver, Video/Audio, 2-ch		
322i	Transceiver, Video/Audio, 2-ch	$\xleftrightarrow{2V}$	$\xleftrightarrow{4A}$
314i-T	Transmitter, Video/Audio, 4-ch	$\xrightarrow{4V}$	$\xrightarrow{8A}$
314i-R	Receiver, Video/Audio, 4-ch		
324i	Transceiver, Video/Audio, 4-ch	$\xleftrightarrow{4V}$	$\xleftrightarrow{8A}$



**SDI**

### 1000i

- Real-time uncompressed SDI video transmission over IP network
- UDP streaming protocol



1000i-T	Transmitter, SDI	$\xrightarrow{SDI}$
1000i-R	Receiver, SDI	