



NETCONFERENCE

Real-time NetConference Controller

Brand-new experiences in Conference, provides multiple and flexible application way over standard 100M network for Conference.



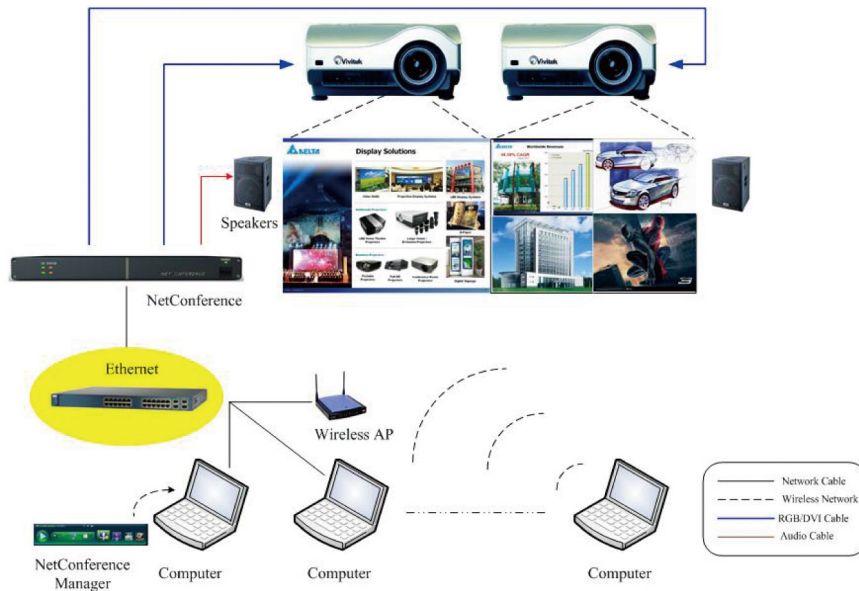
NetConference Application Introduction

In conventional conference system, the speaker needs to connect the computer to the projector with VGA cable to achieve projection display. It is very inconvenient as VGA cable needs to be plug-out/in from time to time when switching between different speakers.

NetConference is a revolutionary way and new experiences in conference room, which can real-time display the graphics / Video (max 30fps) and audio on computers for audio-visual applications through network. Controlled by the NetConference Manager software, flexible and interesting presentation modes could be shown. The main features of this product are as following:

- Digital image transmission and high quality picture display by network. VGA cable is not needed;
- Real-time image processing for fluent and very low-delay display;
- Rich presentation modes to improve conference efficiency
 - **Single Mode:** Display pictures with full screen;
 - **Multi-task Mode:** Display one current and three historical pictures simultaneously to facilitate reference and comparison.
 - **Mosaic Mode:** Several attendees may display pictures simultaneously by sharing one screen to facilitate meeting discussion;
 - **Joint Display Mode :** Multi-channel NetConference product could drive a display wall (composed of many display units) to show very big picture : [2-ch product only]
 - **Multi-casting Display :** The attendee could show the picture on many displays at the same time : [2-ch product only]

Specification



General Specifications

Audio_Video Features	
Signal Stream Input	RJ-45
Network Bandwidth	100M BASE-T
Network Protocol	TCP/IP, UDP, DHCP
CODEC	NetPixel Engine v1.1
Decoding frame Rate	Max @ 30 fps/1~30 fps adjustable (The frame rate is determined by the CPU speed and network bandwidth)
Display Bandwidth(30fps)	Graphics:Avg 1 Mbps (0.8~2M bps) Full Screen Video:Avg 10.0Mbps (8.0~12.0M bps)
Display Mode	Single: One user occupy the display only Mosaic: Each channel support Max 4 user display with 2x2 Mosaic mode Multi-task: One current and three historical pictures could be shown in one screen Joint Display: User could show a large picture with a set of displays (i.e display wall); Multi-casting: User could show the picture on many displays at the same time;
Play Mode	Text Mode: Highest picture quality (Lossless) for text information display with 1fps Presentation Mode: High picture quality (near lossless) for presentation application with 15fps Video Mode: Standard picture quality for fluent video display with 25fps User Define: User select picture quality and frame rate
Picture Quality2	Highest Quality: for text information display High Quality: for presentation documents display Standard Quality: for video display
Video Out Signal SPEC.	
RGB Resolution	Analog/Digital 1024 x 768 @60Hz
Color Depth	24 bits color
Scanning	Progress
Aspect Ratio	4:3
Operating Frequency	48.4KHz/60Hz
Channel No	2
Audio Out Signal SPEC.	
Sound Format	Analog Stereo
Audio Out Terminal	Mini-Jack
Channel No	2
OS for Conference Manager	Win XP, Vista, Windows7
AC Power Supply	100-240Vac Typical @ 220Vac, 50/60 Hz
DC Power Supply	N/A
Regulation	UL, cUL, TUV-GS, CB, EK, CB,CE, FCC, CCC
Dimension (H x W x D)	436mm x43mm x 200mm(WxHxD)
Net Weight(Typical)	<2.7 kg
Gross Weight	<4.3 kg

Terminal

AV Interface		Control Interface	
Data In: Network Stream	RJ-45 x 2	RS-232 (F/M)	YES
Data Out	DVI-I (V1.3) x 2	Power Interface	AC Power Input
Audio Out	Mini-Jack x 2		AC Inlet
			AC Switch
LED Indicators			
Power	Green x 1		
Channel	Green x 2		
Status	2 Colors x 2 (Green=ok, Red=Error, Red/Green Flicker=Booting)		

*All specifications are subject to change without prior notice.



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