

TCP/IP Network Matrix



KENSENCE

N-MIXL



Distributed Network Matrix System **N-MixL**

Cloud Vision • Network World

KENSENCE--Professional in Multimedia Processing

H.264

| H.323

| **SEAMLESS**

| SIP

| RTSP

TCP/IP Network Matrix



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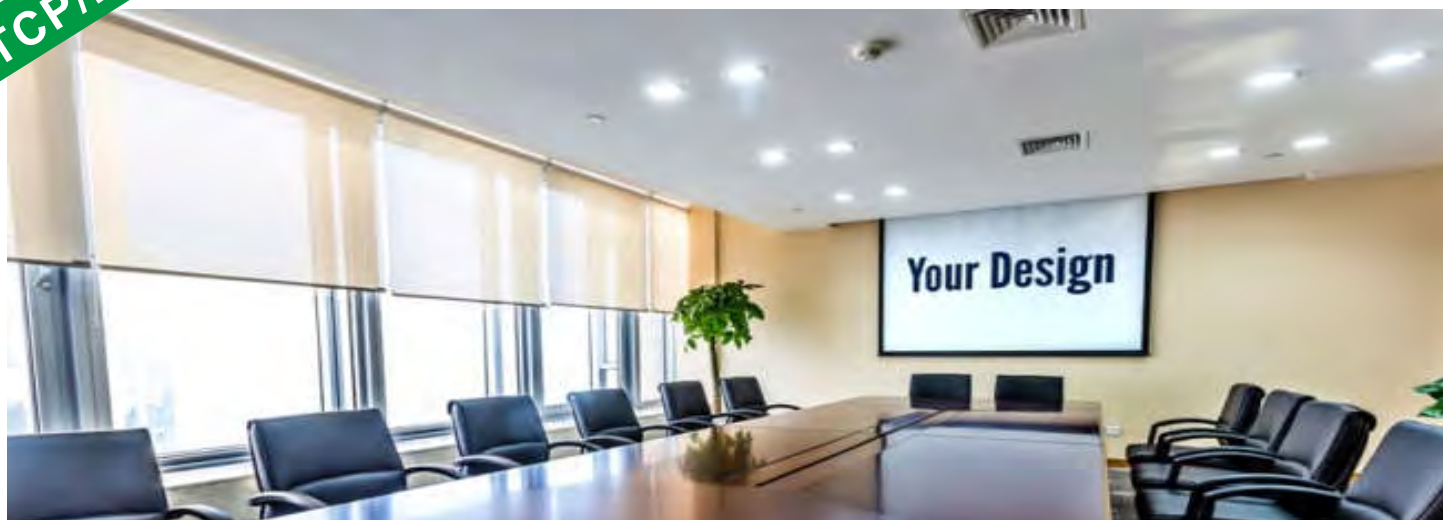
N-MIXL



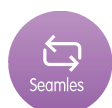
Product overview>>

The introduction of N-Mix distributed Network Matrix System will completely change the current AV system design concept, you will not need to consider types of RGB, HDMI, DVI, VIDEO or SDI matrix used; how many channels; do audio need to follow video ; what format; does it able to be controlled by the central control system; signal transmission distance; the sharing of different signals wiring types and so on.

All you need to do is establishing a set of N-MIXL distributed network matrix system, which can establish a conference room cluster, conference room and all audio and video systems can interoperability. To achieve a full sharing of multimedia resources.



Features>>



Supports fast seamless switching technology



Customize input and output Any to Any



Multiple control modes



Seamlessly integrate with video conferencing, IP monitoring and recording system



Low bandwidth and latency of network HD transmission



Large scale deployment, heartbeat and backup



Supports H.264 Baseline, Main and High profile encoding and advanced video pre-processing algorithm MBAFF



Technical parameters>>

Model	N-MIXL-500/1000/2000/4000/8000
Description	Control host
Control points for video	30 / 60 /120/300 / 600
Input and Output	2 RS232 ,2 Rj45, 4 USB
System	Linux
Protocol	Telnet
Memory space	60G solid state
Control	RS232/RS485 , LAN
Input Voltage	110---260V 50/60Hz
Dimensio	480×370×44mm(W/D/H)
Weight	3.5Kg



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Technical parameters>>

Model	MCS-16/24/48
Description	16/24/48 port network switch
Input/Output	All the host use RJ45 interface, codec support for CVBS, YpbPr, VGA, GRBHV and HDMI transmission and switching
Protocol	Support HDMI1.3a, DVI1.0 and HDCP protocol and EDID function, support IGMP Snooping protocol; support multicast VLAN, supports two-way direction in and out ACL strategy.
Color Space	Support RGB444, YUV444, YUV422 color space, support x.v.Color extended color gamut standard
Resolution	640*480@60Hz---1920*1200@60Hz(VESA standard), 480i---1080p@60Hz(HDTV standard)Bandwidth10.2Gbps
Bandwidth	10.2Gbps
Safety assurance	Dual power backup supply, support 7*24 hours all-day work
Input Voltage	110-260V 50/60Hz
Dimension	440/445/300 mm(W/H/D)
Weight	2kg



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Technical parameters>>

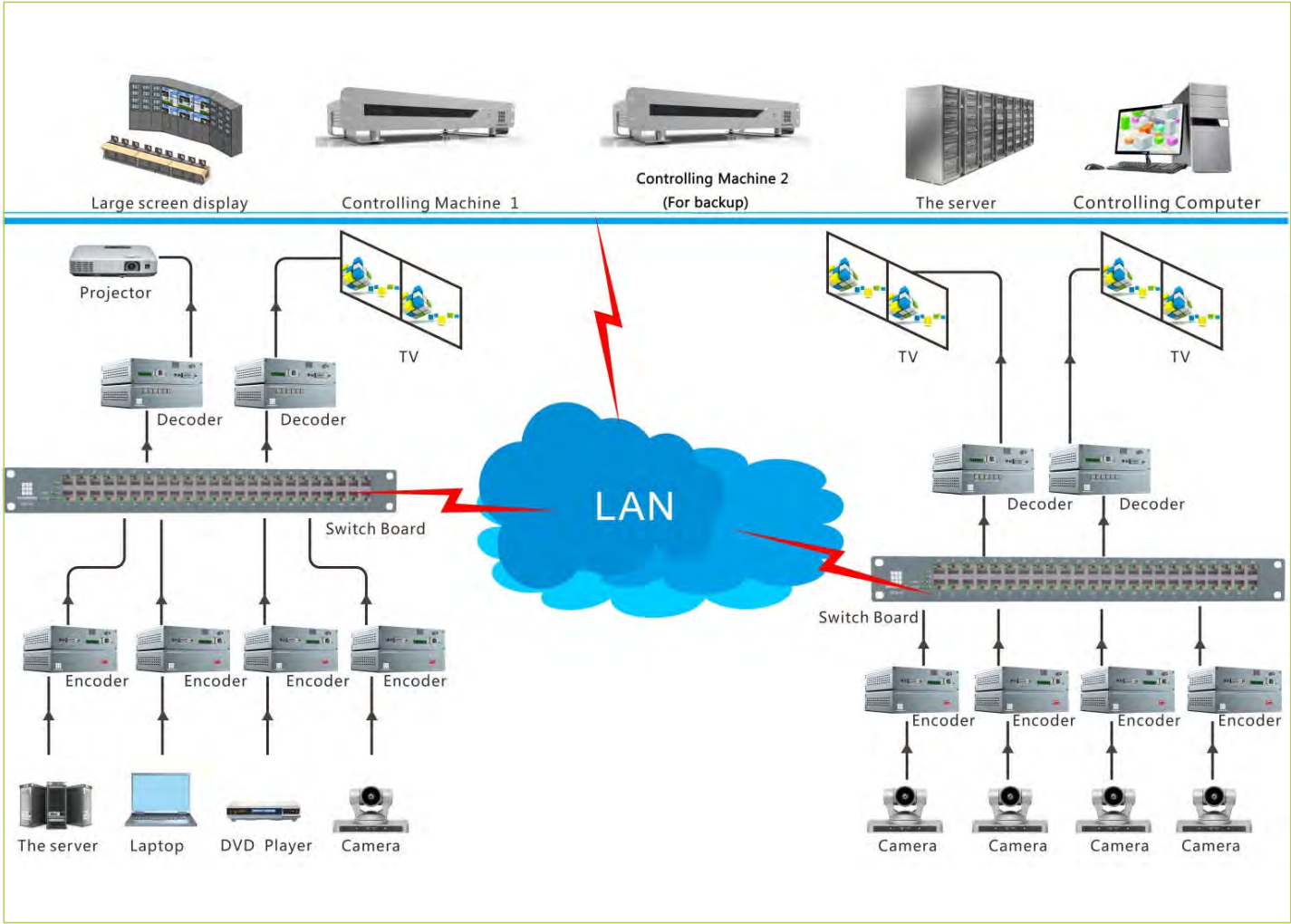
Model	NST-HDSA	NSR-HDSA
Description	Audio visual control IR./RS232, USB, encoder	Audio visual control IR./RS232, USB, decoder
Transmission technology	KENS-NET HD digital stream com-ression technology	
Video encoder & decoder	Baseline Main and High profile encoding	
Network protocol	TCP,UDP,IP,HTTP,NTP,RTP,IGMP,RTSP,RTCP	
Time delay	Less than 33.6MS	
Signal format	Supports CVBS,YPBPR,VGA, DVI and HDMI signal	
Resolution	640*480---1920*1200(VESA Standard),480i---1080p@60Hz(HDTV Standard)	
Transmission bandwidth	10.2Gbps	
Protocol	HDMI1.3a、DVI1.0、HDCP、EDID	
Color space	Supports RGB44, YUV444, YUV422 color space, supports x.v.Color extended gamut standard	
Ethernet protocol	TCP,UDP,IP,HTTP,NTP,RTP,IGMP,RTSP,RTCP	
Input Voltage	DC 5V 2A	



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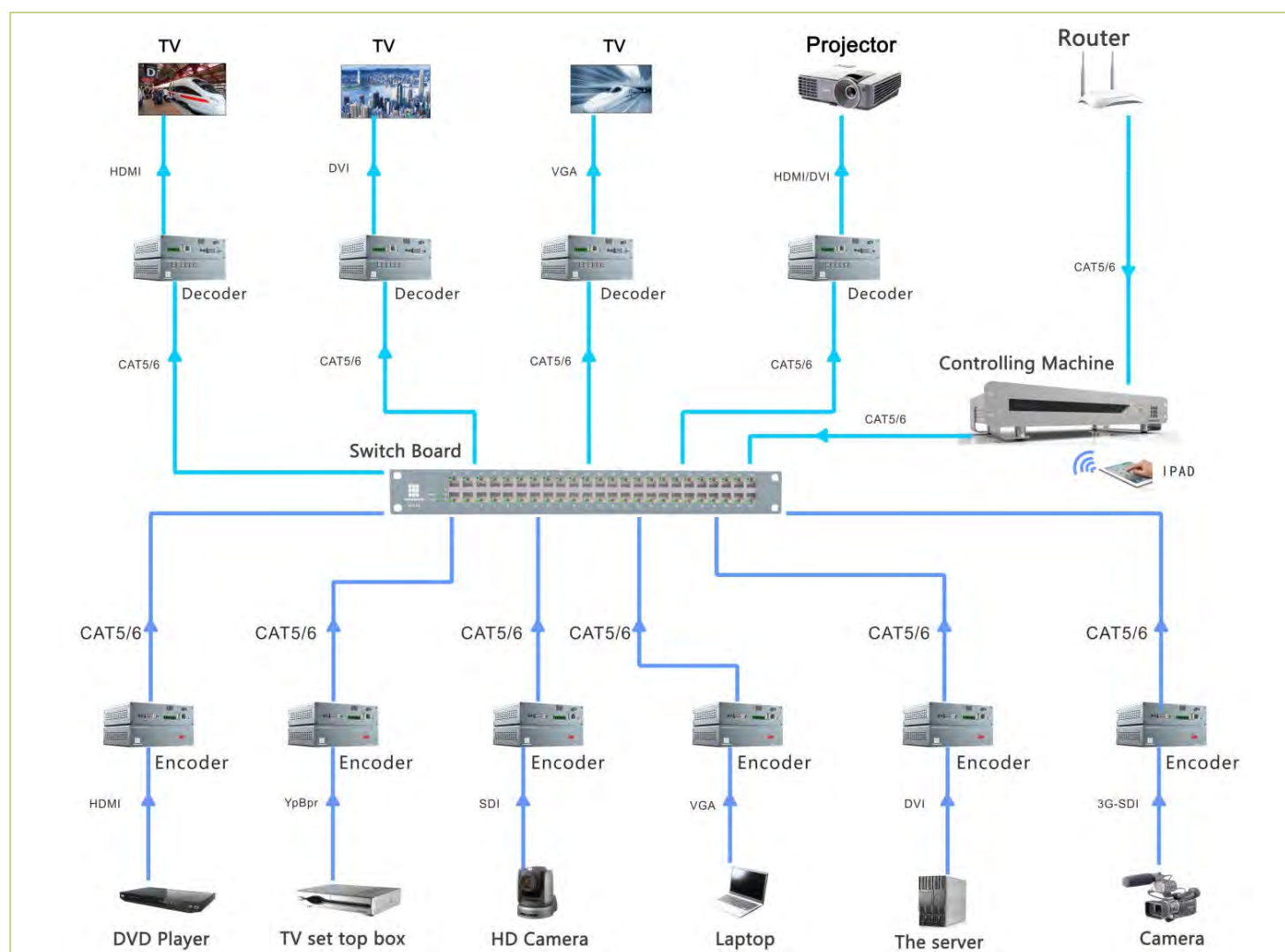
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<<Application Example





<<Application Example





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<<Applicable industry



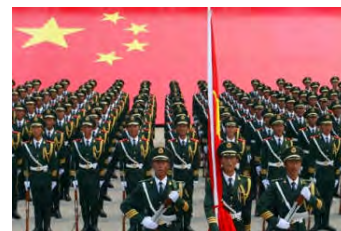
Finance



Energy



Enterprise



Armed Police



Government



Public security



Army



Traffic



Education



Medical