Networked Media Processor(G)

Device Centralized Control & Networked AV Decoding

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Q-NEX Networked Media Processor connects independent AV equipment and other devices to build a networked system, empowering campus all-round centralized device control of loT ecosystem, in the meanwhile, it can also work as a networked AV decoder to process pre-recorded or live AV signals distributed from the Q-NEX Platform.

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FEATURES

- Integrate multiple devices and functions into one single system.
- Centralized control of AV and commonly used devices in classrooms/conference rooms.
- Networked devices deployment that enables remote control and management of all the devices through Internet or Intranet.
- Decode AV contents/live streaming from Q-NEX media server through network and play on the classroom media devices instantly or on schedule.
- Scheduled tasks enable device control and predetermined media content to be automatically executed by order in the classroom.



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- Q-NEX Console (web-based platform) for device control.
- Mobile App for device control, compatible with Android & iOS.

Campus-Wide AV Distribution

- AV broadcast: Distribute AV content anytime and anywhere to media devices connected to NMPs through Q-NEX Console and mobile APP.
- Push Notification: Deliver daily messages, important alerts and announcements anytime and anywhere through Q-NEX Console and mobile APP for media devices in the classroom.





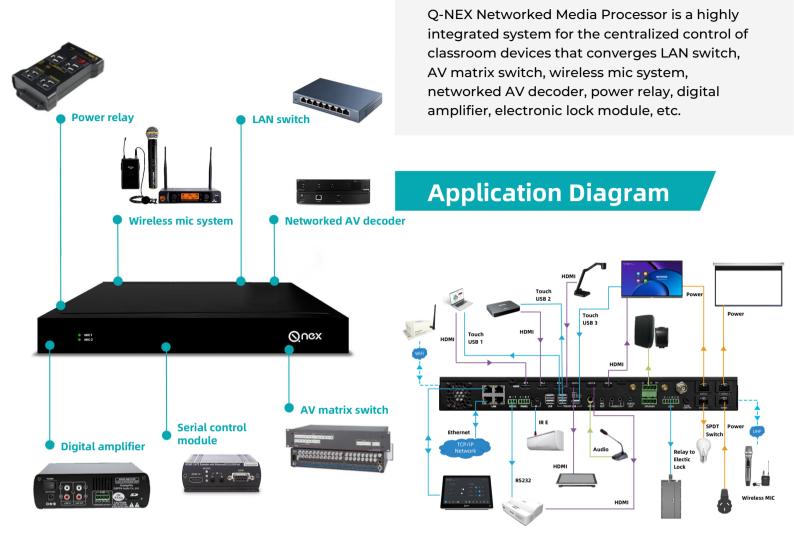
• Live Streaming: Push live AV content to all or selected terminal devices within the campus through Q-NEX Console.

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Networked Media Processor



Touch Panel





- Power control of display device and light
- 🧭 Video matrix switching
- Control the air-con power, temperature, modes, etc.
- Adjust mic & speaker volume
- Multiple audio switch



- Wireless transmission up to 40 meters
- 🔘 UHF frequency band
- Anti-interference
- Op to 24 channels connection
- Automatic frequency matching

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NMP211-G-L2U

Networked Media Processor

	High-speed 32-bit CPU;	
Industrial-grade embedded motherboard	Embedded operating system;	
LAN switch	4 * 10M / 100M RJ45 network switch ports	
Audio switcher	2*3.5mm line in; 1*3.5mm line out	
	1*6.35mm MIC in;	
Microphone	1*3.5mm MIC out;	
	Built-in Dual-Channel UHF wireless mic receiver;	
HDMI matrix switcher	3*3 HDMI 2.0 Matrix Module, support 4K@60Hz,	
	support HDCP 2.2 and HDCP 1.x	
	1*RS232;	
Communication	1 * IR out; 1 * IR learner;	
	1 * e-Lock (Relay)	
	1*Phoenix 4-Pin (for Control Panel connection)	
Wireless Module	Built-in 2.4GHz WiFi Module (for CBX100 connection)	
USB Ports	1 * USB-HOST, 2 * USB-DEVICE; 2 * USB 2.0;	
Power amplifier	2*(40W+40W)	
AV Decoder Module	Digital audio & video broadcast	
AV Decoder Module	Live Streaming	

Handheld Microphone

Receiving Sensitivity	>=85dBm
Sensitivity	51dB±3dB(0dB=1V/Pa 1 KHz)
Transmit Power	>20dB
Effective Distance	>40m
Battery Lifetime	12 Hours



NMP211-G-L2U

Lapel Microphone

Receiving Sensitivity	>=85dBm				
Sensitivity	51dB±3dB(0dB=1V/Pa 1 KHz)				
Transmit Power	16~25dBm				
Effective Distance	>40m				
Battery Lifetime	5 Hours				
Touch Panel					
Panel Control	Swipe IC card to unlock; click to lock panel				
Device Control	Power Control; Screen/Curtain Control; Air-Conditioner and other IR Devices Control; Serial devices control				
Video Control	3*3 Matrix video switch				
Audio Control	Audio switch among HDMI and 2 * Audio inputs; MIC/Speaker volume adjustment				
Broadcasting OFF	Exit non-mandatory notice push and AV broadcasting				

