



Campus Wide AV Distribution Solution



Based on the AV-over-IP technology to distribute audio, video and control signals over the Internet with the campus existing network, Q-NEX solution enables not only message / audio / video broadcast, but also live streaming to all of the classrooms as well as spaces outside classrooms such as cafeteria, library, teacher's offices, corridor and reception hall, and it's able to push scheduled AV contents or live streaming to allocated different groups of areas among campus.

Key features



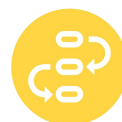
Audio&video broadcast



Message broadcast



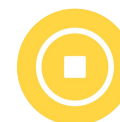
Live streaming



Scheduled tasks

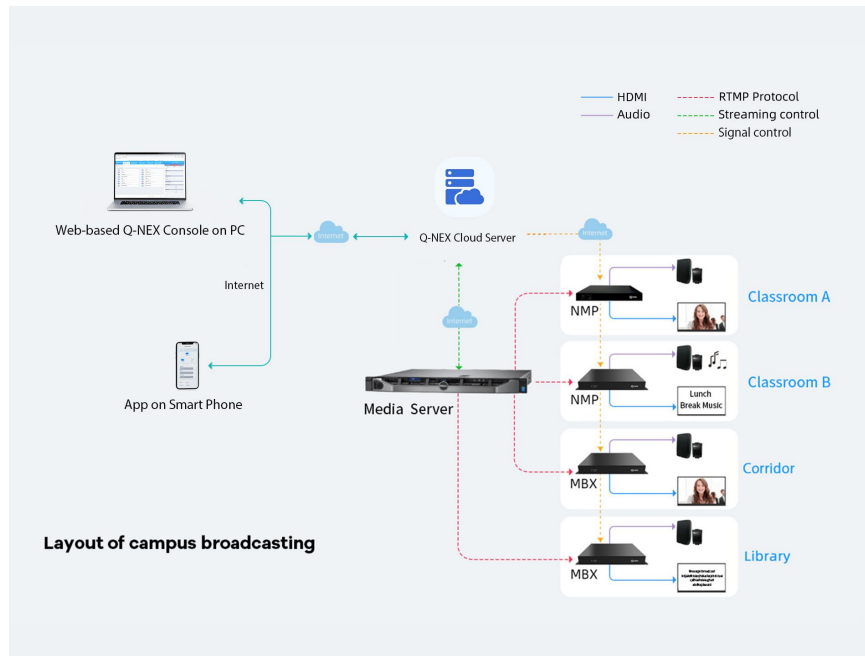


Remote control

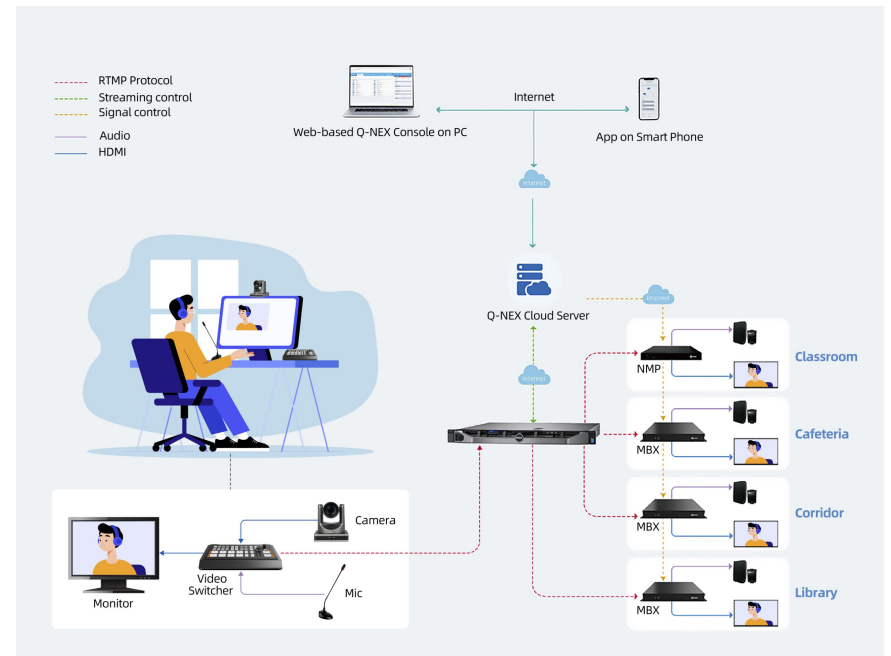


Auto power on for broadcasting

Solution details



Layout of campus broadcasting



Layout of campus live streaming

Features

1. School IT admin can upload different audio and video content to the Media Server so as to broadcast across the campus.
2. Daily messages, important alerts and announcements in text format can also be delivered to all the display devices connected to Q-NEX NMP or MBX.
3. Q-NEX enables live streaming (audio announcement or live video) through Internet to every corner of the campus.
4. On the Q-NEX Console, IT admin can schedule broadcast tasks at different times and to different destinations, managing daily broadcasting with automatic play to reduce repetitive work.
5. No particular display required. Any displays with HDMI input, such as interactive flat panel, TV monitor, LED screen or projector, can receive broadcast or live streaming content.
6. When receiving the campus AV broadcast or the principal's live broadcast, NMP-G, NDP, or MBX can automatically turn on the display devices they connected.

Recommended products

Function	Item	Recommended Model
AV decoding device	Q-NEX Networked Media Processor	NMP211-G
	Q-NEX Media Box	MBX100
Streaming resource	Mobile phone or PC with built-in camera	IQConference Cam CV800/810
	IQView Document Camera	-
	Gooseneck Mic	-
Display device	Interactive Flat Panel	IQTouch 1300 Series
	TV	-
	LED screen	-
Audio Output	Speakers	IQSound PS610