



# Media Box

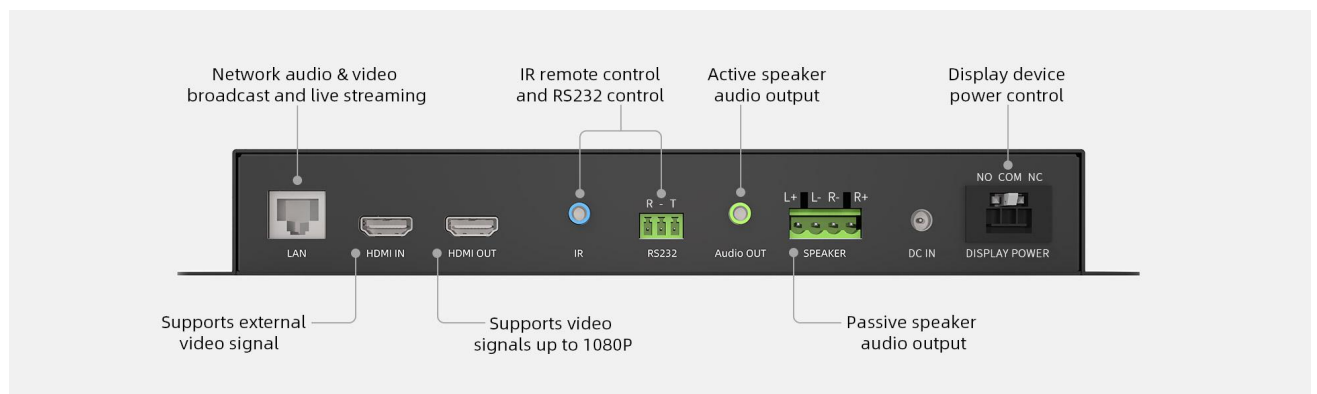


As an important role of the Q-NEX solution, Q-NEX Media Box can realize high-definition and low-latency audio&video broadcast and live streaming on campus by connecting to Q-NEX Media Server. The combination of Media Box and Q-NEX Networked Media Processor offers a converged solution of campus device control and AV broadcast, which reduces the cost, manpower and resources required to build two separate systems.

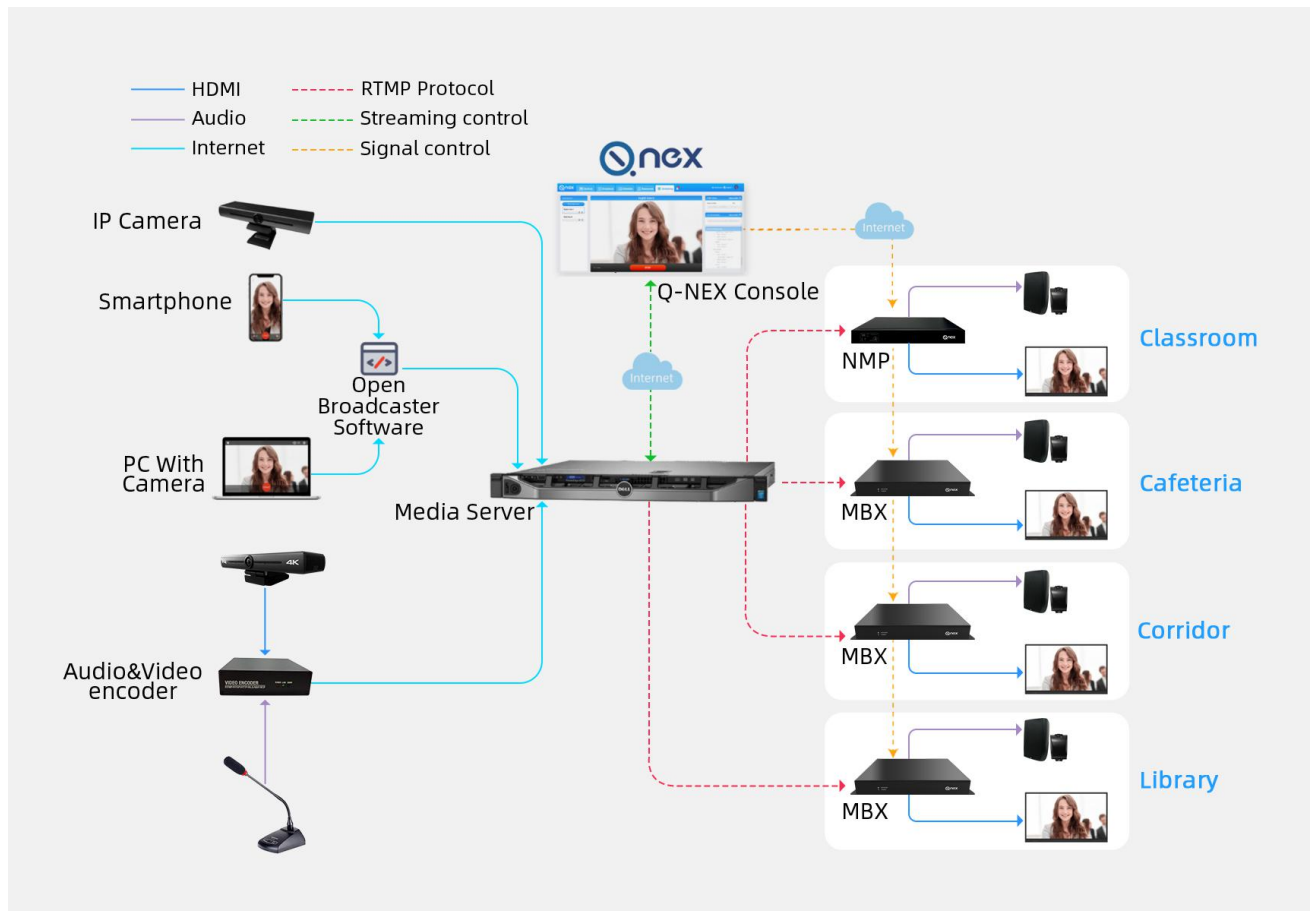
## Features

- Cooperate with Media Server and NMP to form a converged system with two applications (control + broadcast) and low cost in implementation
- Support receiving audio live announcement and video live streaming smoothly without stuttering
- Support automatically turn on the display device when broadcasting; support power control of the display device through App/Web.
- Support up to 1920\*1080 HD audio and video broadcast signals as well as text broadcast with low latency
- Support scheduled tasks for audio and video broadcast; support broadcasting different audio and video content to selected zones
- Support unified remote management and control on the Q-NEX Console through Internet without restrictions of time and place

## Rear view interfaces



# Connection Diagram



# Specification

Model	MBX100
LAN switch	1 * 10M / 100M RJ45 network switch ports
Audio	1 * 3.5mm line out;
Video	1 * HDMI out; 1 * HDMI in
Audio format	MP3, WAV, FLAC, Ogg, Opus and other mainstream audio formats
Video format	MP4, MKV, RMVB, RM, MP3, MOV, AVI, FLV, WMV and other mainstream formats
Communication Interface	1 * RS232; 1 * infrared remote control
Power amplifier	2*(40W+40W)
Power control	1* power in (DC12V) 1* single pole double throw (SPDT) switch
Digital audio broadcasting	With high-efficiency audio decoding function, combined with the streaming service system, it can directly realize the decoding output of IP digital broadcasting in classrooms, like to schedule ringing and remote audio broadcasting such as school bells.
Streaming media broadcasting	Supports mainstream streaming media protocols such as HLS, RTSP, RTMP, RTP, and can receive high-definition streaming content or online TV programs from the server
TXT message announcement	Can send text broadcasts, support mandatory broadcasts, can enter title and text, and set broadcast duration