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TECHNOLOGY

iQ | nex

DIGITAL PODIUM
NDP100

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Introducing the Digital Podium

Q-NEX digital podium NDP100 smartens up lecturing environments with its powerful all-in-one integration and network-based remote control and management. It offers seamless and stramlined device control and operation during lecturing through its integration with in-room devices, enabling lecturers to better engage and interact with students. Its all-in-one design and universal AV and ports enables its integrated devices to be remotely controlled via networks for AV broadcast, live streaming, automation tasks and so on through app or web-based control and management. It creates a genuine smart and hassle-free lecturing environment.

Features

Device control at one stop

Converges multiple multimedia devices for simplified and seamless control at one stop. Making all the device control near at hand.
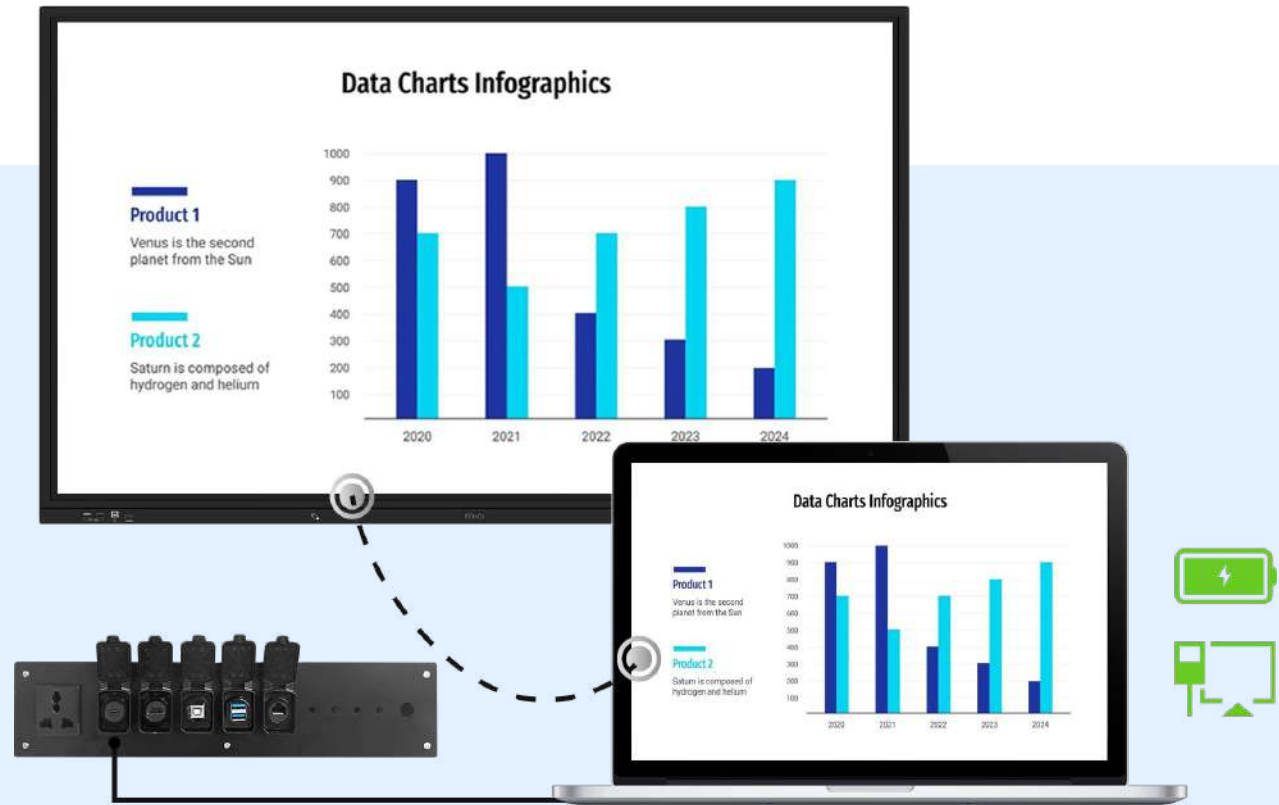
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Features

Effortless AV contents switch

3X3 AV matrix switch and seamless touch-following to the big screen. Better engage and ignite students learning enthusiasm with continuous flow of enriched audiovisual resources with timely annotation.

Features

Unified Connectivity

The Q-NEX Digital Podium NDP100 offers abundant interfaces, including AV and control ports. Notably, NDP100 features a full-functioned Type-C port, delivering charge, network connectivity, and smooth transmission of audiovisual data to connected laptop, ensuring effortless connectivity for presenters, allowing seamless integration regardless of the type of computer they bring.

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Digital Podium NDP100

Features

Stay connected with
whole campus

Reliable and automatic playing of the campus-wide AV broadcasting and live streaming for school announcement, important notification, lectures, special events and so on. Always stay connected with the whole campus. (Media server required)

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Features

Easy device
integration and upgrade

Easy integration with various types of multimedia devices, allowing continuous classroom hardware upgrade or expansions.

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Features

Hybrid learning across campus and beyond

Convenient live streaming of lectures across the classrooms throughout the campus and to those online remote learning students. Maximize the teaching resources, teaching efficiency, and education equality.
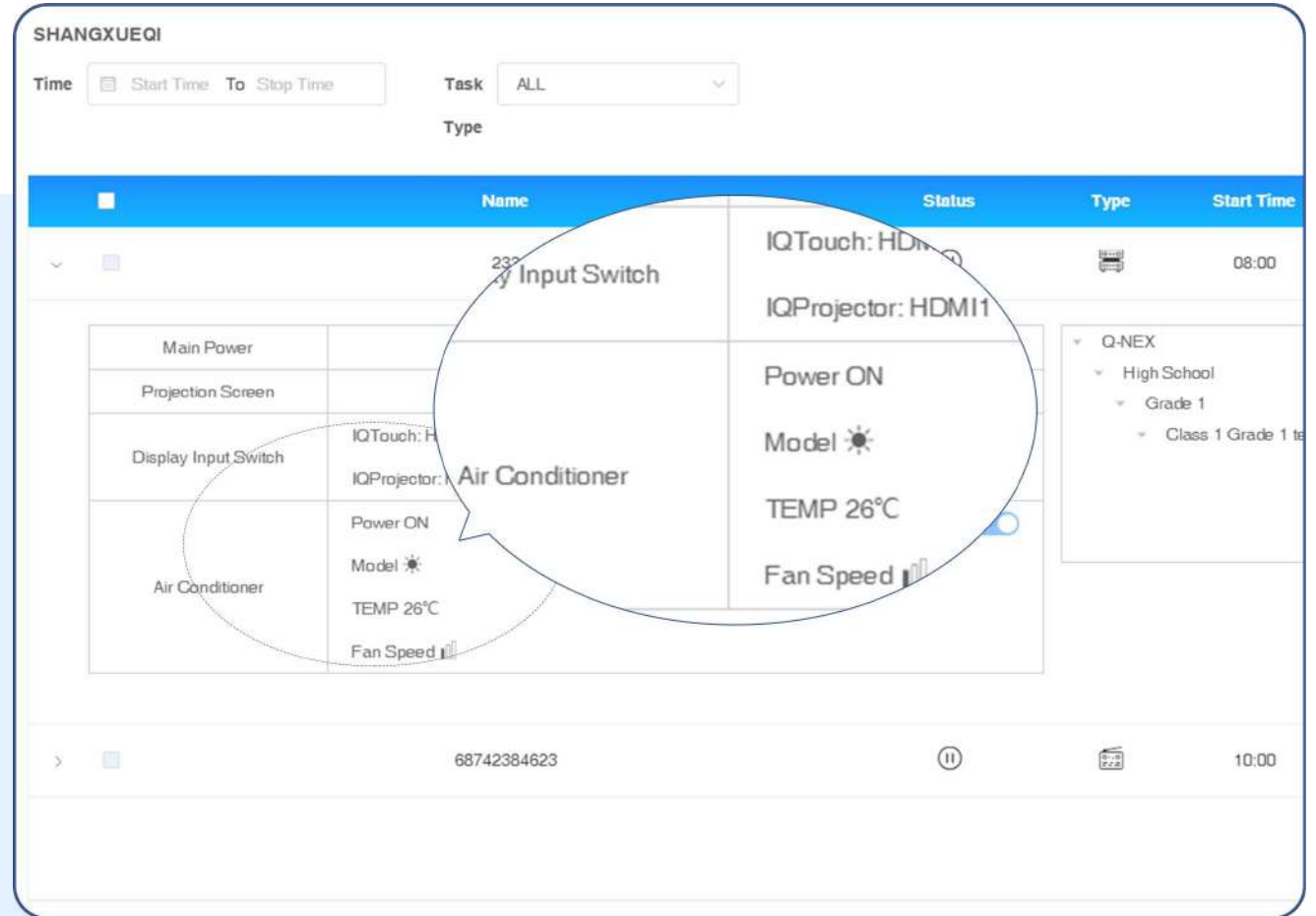
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Features

Maximized efficiency

Support automation schedule for the device to power on or off at predefined time. Saving energy and reducing workload.

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Inside the Q-NEX Digital Podium

Q-NEX Digital Podium NDP100 incorporates Network Media Processor (NMP), touch panel for control, wireless mics, interactive pen display for annotation, built-in PC, document camera, wireless charging area, gooseneck microphone, and abundant AV and control interfaces in a stylish lectern. It is capable of integrating with in-room multimedia devices with its universal AV ports, LAN switch, AV matrix switch, wireless mic system, AV decoder, power relay, serial control module, digital amplifier, electrical lock module and so on for a centralized and remote-control management.
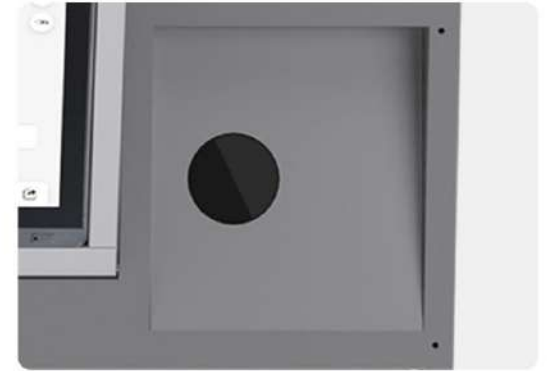

Interactive pen Display

Touch panel

Gooseneck microphone

Wireless charging

Abundant interfaces
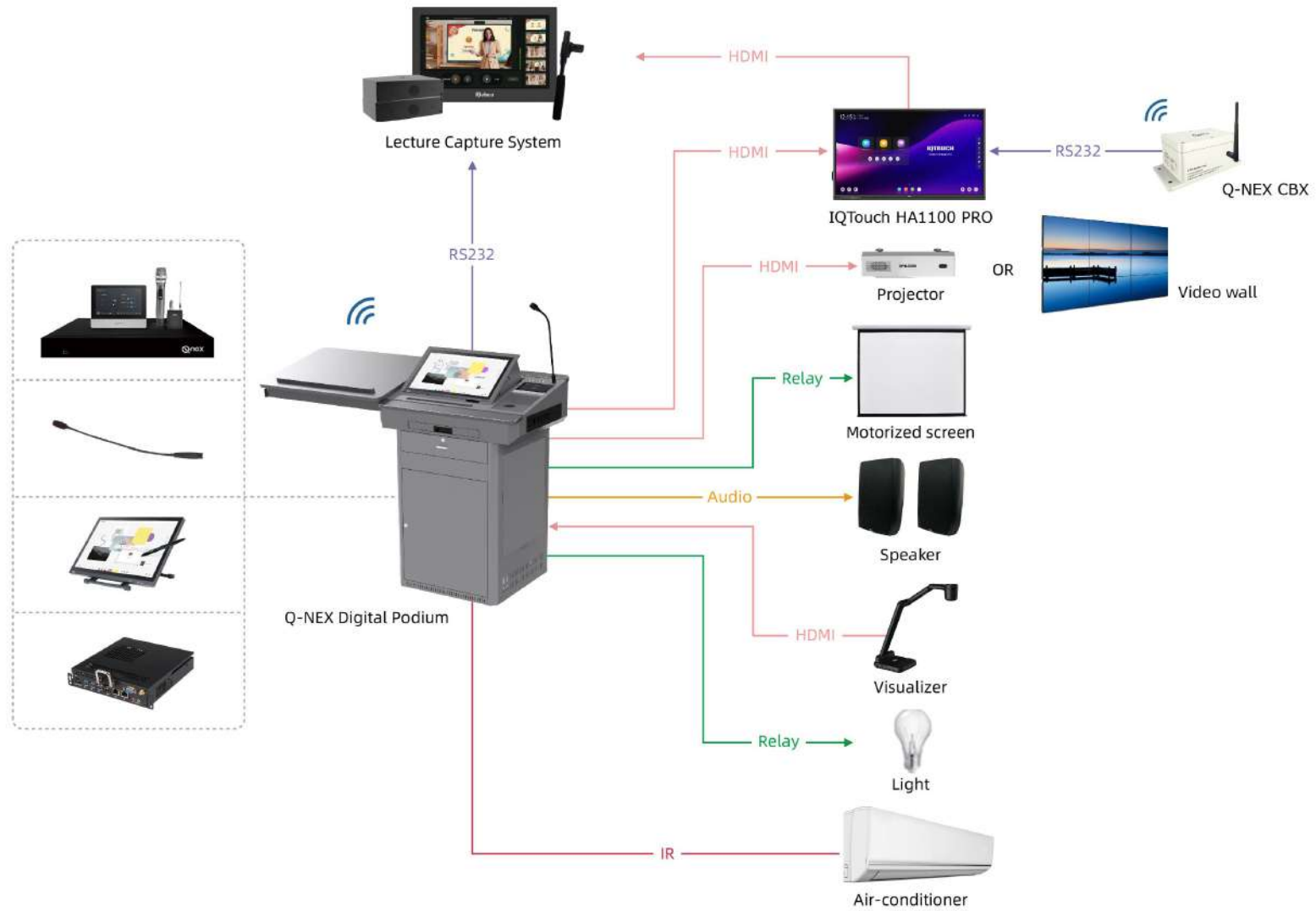

Networked Media Processor

Document camera (optional)
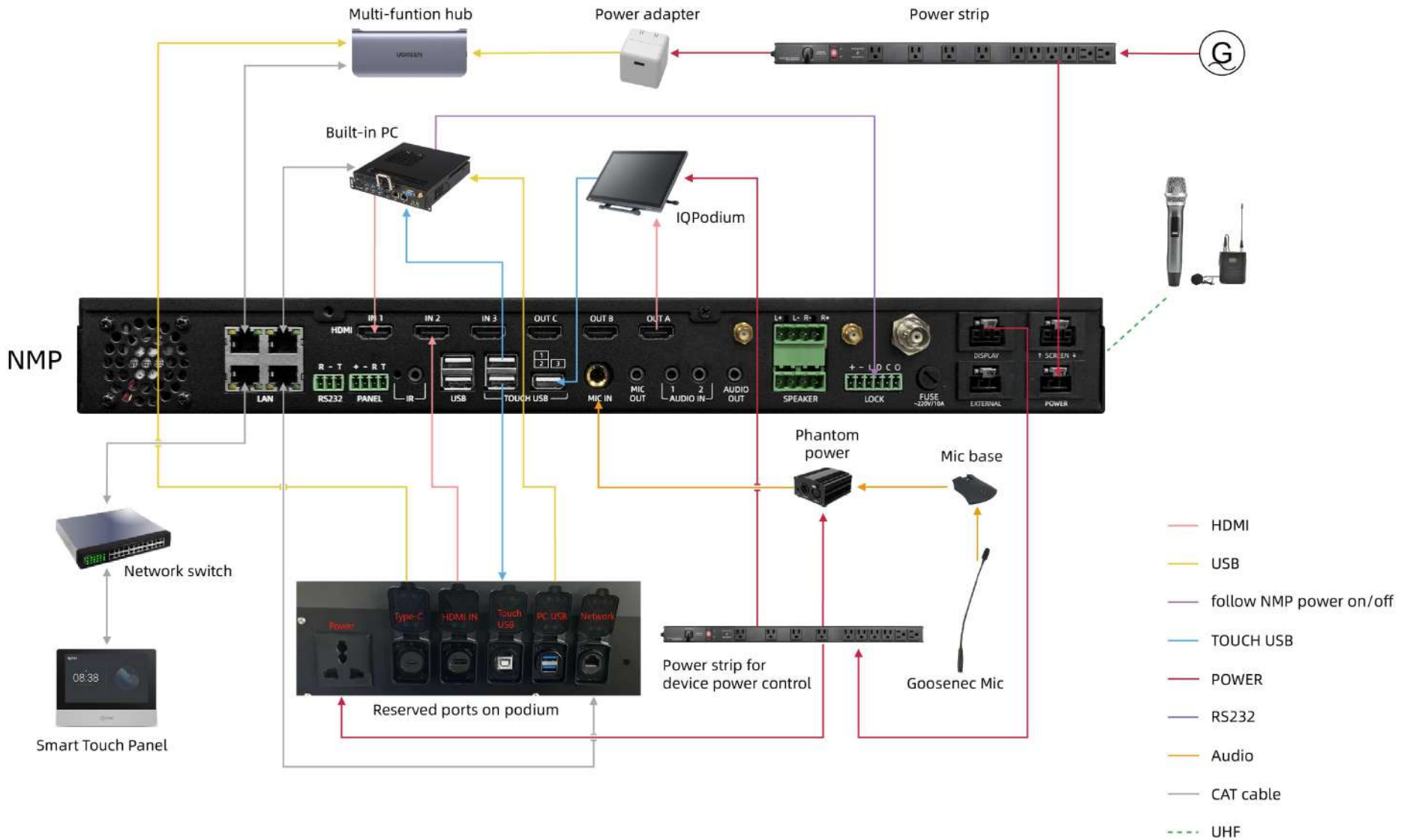

Built-in PC

*A Lite Media Server is required for pushing AV broadcast and live streaming to the digital podium.

Application Diagram

Lecture Capture System

IQTouch HA1100 PRO

Q-NEX CBX

OR   Video wall

Projector

Motorized screen

Speaker

Visualizer

Light

Air-conditioner

Q-NEX Digital Podium

HDMI

HDMI

HDMI

RS232

RS232

Relay

Audio

HDMI

Relay

IR

Internal Wiring Diagram

Multi-funtion hub

Power adapter

Power strip

Built-in PC

IQPodium

NMP

Network switch

Smart Touch Panel

Reserved ports on podium

Power strip for
device power control

Phantom
power

Mic base

Goosenec Mic

Power

Type-C

HDMI IN

Touch
USB

PC USB

Network

HDMI

USB

follow NMP power on/off

TOUCH USB

POWER

RS232

Audio

CAT cable

UHF

Application Scenarios

Auditorium

Q-NEX digital podium enables seamless AV content sharing and one-touch device control for effective audience engagement in auditoriums.

Seminar Halls

Q-NEX creates highly interactive and collaborative meeting experiences in seminar halls with integrated AV device control and content sharing from one spot.

Classroom

Q-NEX digital podium maximizes engagment and interaction with students through seamless display of AV contents and device control while enabling a hybrid classroom through its connection with lecture capture system.

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THANKS

DTran Technology Co.,Ltd. บริษัท ดีทราน เทคโนโลยี จำกัด

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