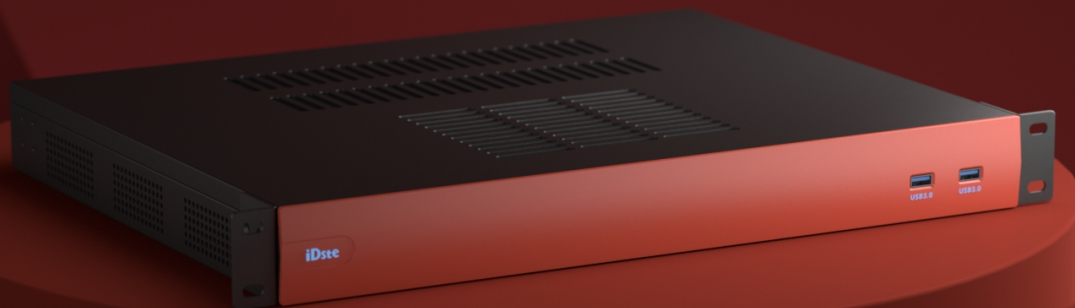




Intelligent Fusion Terminal NC-03P



HDMI

HDMI



Wireless IoT



Intelligent
Centralized
Control

HDBT

HDBaseT
Output



Audio and
Video Decoding



Industrial
Computer

High Integration

- Audio: 2*100W amplifier, 3.5mm Stereo Jack 3*In 3*Out
- Video: 4*4 HDMI(1.4B) 4k@30Hz Seamless Matrix(4*In 6*Out), 1*HDBaseT, KVM 1*In 4*Out
- Network Switch: 5*1000M LAN(VLAN) with one POE
- Serial Ports: 48V Phantom power supply, 5*RS232, 2*RS485, 2*GPIO, 1*Dry Contact
- Optional computer module(i5/8G/512G)
- 6TOPS AI computing can be applied in AI attendance Total 1U design with rack mount installation simplify the podium

Class Recording

With recording module, teachers can start to record the course with one-tap one the control panel. The recording files can be storage in the local or cloud server.

Live Streaming

Integrated with audio & video en/decoding module, it can stream real-time classroom footage to other classrooms. Students can watch the live broadcast in classrooms or access learning from any location via any terminal like phone and computer.

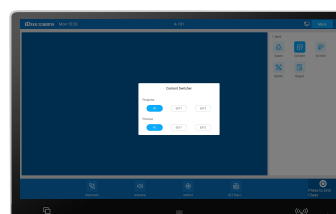
Timely Power Control

Each device can be set to power on/off on a specific time. It can be scheduled according to the usage habits of different classrooms for energy saving.

Automatic Broadcast

Administrator can schedule a task to broadcast the specific information to the chosen classrooms. Through the serial ports, the devices will be turned on/off automatically without manual operation.

It needs to be used in conjunction
with control panel

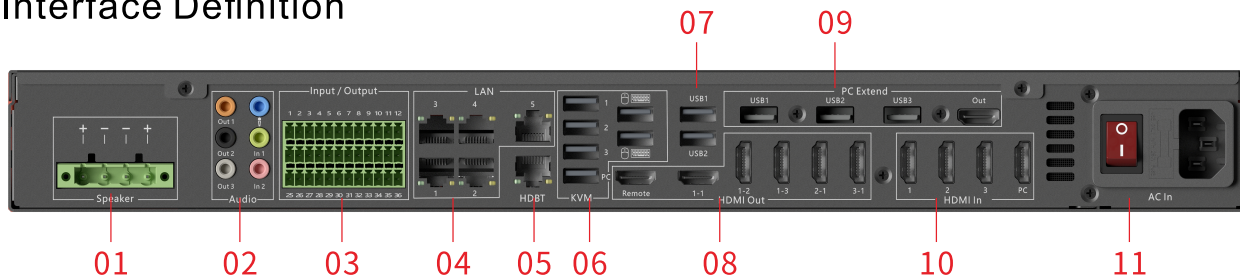


CP-PRO

NC-03P Application scenarios



Interface Definition



Serial Number	Description
01	External speaker output port
02	3.5 audio input/output ports
03	Various I/O type interfaces
04	5 Gigabit Ethernet ports
05	HDBaseT output
06	Multi-computer switching control interface

Serial Number	Description
07	Central control USB port
08	6-channel HDMI output
09	3 built-in computer USB ports, 1 built-in computer PC expansion HDMI output
10	4 HDMI inputs
11	220V power input, switch

Specifications

Category	Description	Parameter
Hardware Design	Operating System	Android
	Dimensions	1U 440mmx290mmx50mm
	Power Input	AC220V±10%50Hz/60Hz
	IoT	Integrated 2.4G Wireless Gateway
Audio	Input	3.5mm Stereo Jack(x3), supporting wireless microphone(x1)
		48V Phantom Power Microphone
	Output	3.5mm Stereo Jack(x3)
		2*100W Digital Power Amplifier
Video	Input	HDMI1.4B(x4)
	Output	HDMI1.4B(x5); HDBaseT2.0(x1); Expandable HDMI1.4B(x1) for PC
	Reverse Control	In(x1) Out(x4) KVM
Communication Ports	Serial Ports	RS232(x5); RS485(x2); GPIO(x2); Dry Contact(x1)
	Ethernet	100/1000M RJ-45(x5), one with PoE; SFP(x1), VLAN support
Other Functions	Built-in Industrial Computer	Expandable(up to i5/8GB RAM/512GB SSD)
	Built-in Recording Module	Expandable
	Built-in DSP	Yes
	Digital Audio Encoding and Decoding	Yes
	HD Video Encoding and Decoding	Yes
	Live Streaming	Yes
	AI Computing	6TOPS

