

ADTESU Digital Podium AVN-800



AVN-800

Product Introduction

The Digital Podium AVN-800 revolutionizes lecturing spaces such as classrooms and meetings with its comprehensive all-in-one design and network-based remote control. The intuitive digital podium allows for effortless device management during lectures, thanks to its seamless integration with in-room multimedia devices. This supports engaging and interactive teaching experiences. The automated touchscreen podium boasts universal AV and control ports, facilitating remote access to connected devices via network-based control. Features like AV broadcasting, live streaming, and automation can be easily managed through app or web-based control. Additionally, it offers customizable device integration to meet the unique needs of your organization, creating a smart and efficient lecturing environment that elevates the learning experience for everyone.

Product Advantages

- **Device control at one stop:** Converges multiple multimedia devices for simple & seamless control at one stop. Making all the device control near at hand.
- **Effortless AV contents switch:** 3X2 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.
- **Stay connected with the whole campus:** Reliable and automatic playing of campus-wide AV broadcasting and live streaming for school announcements, important notifications, lectures, special events, and so on. Always stay connected with the whole campus (media server required).
- **Easy device integration and upgrade:** Easy integration with various types of multimedia devices, allowing continuous classroom hardware upgrade or expansions.
- **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.
- **Maximized efficiency:** Support automation schedule for the device to power on or off at predefined time.

Specifications

DIGITAL PODIUM AVN-800

Overall Dimensions (mm)	820 (L) x 611 (W) x 1123 (H)
Materials	Reinforced steel plate structure with powder-coated anti-rust paint on the metal surface
Tabletop dimension (closed position)	820 (L) x 273 (W) x 611 (H)
Tabletop dimension (fully extended)	2000 (L) x 273 (W) x 611 (H)
Sliding cover panel dimension (mm)	820 (L) x 600 (W) x 18 (H)
Sliding cover panel corner radius (mm)	R40
Sliding cover panel material	Eco-friendly medium density board
Sliding cover panel weight capacity	30Kg
Keyboard tray dimension (mm)	420 (L) x 180 (W)
Front drawer dimension (mm)	480 (L) x 220 (W) x 100 (H)
Rack dimension (mm)	500 (L) x 490 (W) x 590 (H)
Foldable stand dimension (mm)	505 (L) x 450 (W)
Foldable stand corner radius (mm)	R40
Foldable stand material	Eco-friendly medium density board
Foldable stand weight capacity	15Kg

INTERACTIVE PEN DISPLAY AVN-215-DPA

Dimension (mm)	21.5 inch (16:9), 518 (W) x 325 (H) x 40 (D)
Resolution	1920 (H) x 1080 (V)
LCD display colors	16.7M
Brightness	250 cd/m ²
Contrast ratio	1000:1
Surface	Anti-glare glass, 3H
View angle	178° (H), 178° (V)
Technology	Electromagnetic
Pen	Active pen
Tablet Resolution	2048 Lpi
Pen Pressure	2048 levels
Reading Accuracy	±0.25 mm (center)
Writing Height	5-15 mm
Voltage	5V
Tracking Speed	Approximately 200 points per second
Technology	Capacitive
Touch Points	10 points touch
Ports input	HDMI IN*1, USB 2.0 (Type A) *1, USB Touch 2.0 (Type A) *1, 12v DC Power *1
Ports output	HDMI OUT *1, Earphone*1
Buttons	Auto, Up, Down, Menu, Power
Built-in Speaker	2W *2
Stand Adjustment	12° - 130°
Operating System	Windows 7/8/10, Android, Mac 10.9 or above (Optional)
Power Supply	External Power Adapter (input 100-240V AC, 50/60Hz, output 12V DC 4A)
Weight	4.8Kg
Dimension (mm)	518 (W) x 325 (H) x 40 (D) (without stand)
Working environment	Working Temperature: 0 ~ 40°C; Working Humidity: 20~80%
Storage environment	Storage Temperature: -15 ~ 60°C; Storage Humidity: 10~90%

NETWORKED MEDIA PROCESSOR AVN-320-DPA

Dimension (mm)	440 (L) x 292 (W) x 50 (H)
Weight	3.9Kg
Standard 1U rack-mount design	Suitable for installation in various types of cabinets
Industrial-grade embedded motherboard	High-speed 32-bit CPU; Embedded operating system;
LAN switch	4 * 10M/100M RJ45 network switch ports
Audio matrix module	2* 3.5mm line in; 1* 3.5mm line out;
Microphone	1* 6.35mm wired MIC in; 2* UHF wireless MIC (with receiver built in NMP); 1* 3.5mm MIC mixed out;
HDMI matrix module (Input * Output)	3* 3 HDMI 2.0 Matrix Module, support 4K @60Hz, support HDCP 2.2 and HDCP 1.x
Communication interface	1* RS232; 2* USB; 1* USB-DEVICE in (2 choose 1 to USB-HOST); 2* USB-HOST Out; 1* Phoenix 4-Pin for control panel; 1* infrared remote control; 1 * IR learner port (for learning IR remote control code not in the code base)
Power amplifier	2* (40W+40W), support to connect at least 2 pairs of passive speakers
Access control	1* electronic lock power connector (12V); 1* electronic lock control driver output; 1* electronic lock status input; 1 * electronic lock indoor switch input
Power control	1* power supply for NMP, support wide voltage (110-240 VAC); 1* single pole double throw (SPDT) switch; 1* power output for projection screen; 1* power output for display or others; 1* Power fuse*
Antenna Ports	1* antenna port for wireless microphone; 2* antenna ports for Wi-Fi module
Remote control & centralized management	Centralized control and management of classroom devices such as PCs, projectors, A/C, power supplies of external devices through the Internet Remote statistics on the usage and status of classroom devices, such as: equipment usage logs, energy consumption, etc.
Push notification	Display daily messages, important alerts and announcements delivered by IT admin or teachers in text format in the classroom displays instantly or on schedule.

Specifications

NETWORKED MEDIA PROCESSOR AVN-320-DPA

RF Transceiver	"Wi-Fi friendly" 2.4 GHz spread spectrum 2-way RF (2400 to 2483 MHz)
RF Transmitting Power	13.5dBm
Range	<30 m, support for connecting up to 4 units of control box for extended RS232/IR/Relay control
Control Box (CBX)	support RS232/IR/Relay control
Power supply	5V/500mA
Frequency bandwidth	50MHz
Frequency range	640-690MHz
Maximum channels	200
Receiving sensitivity	≤ -105dBm
SNR	≥ 80dB
Audio output level value	350 mV
Distortion (THD+N)	<0.5%
Latency	<3ms
Operating temperature	- 25°C ~ 60°C
Media server (optional)	16GB/4TB SATA *4/DVDRW Streaming Service System

TOUCH PANEL AVN-710-DPA

CPU	Quad-core, Main frequency 1.5GHz
GPU	Quad-core
RAM	DDR3 1G can be extended to 2G
O.S.	Android 8.1
Screen	7-inch 1024 X 600 (IPS)
Dimension (mm)	180 (L) x 140 (H) x 9.0 (W)
RJ45	POE; 100MB LAN
Touchscreen	7-inch capacitive screen with tempered glass, 10-point touch; Optical bonding
USB2.0	*1
TF	Max 32G
RS485	*2
I/O port	4* I/O IN; 4 *I/O OUT
Physical button	Power on/off
Power	12V 2.5mm-DC
IC card reader	Support 13.56MHz IC card
ROM	8G EMMC5.0
Working temperature	-20°C to 70°C
Working humidity	< 85%
Anti-dismantle	support
Installation	Wall mount, desktop stand

Built-in PC AVN-500-DPA

CPU	Intel® Core™ i5-11320H, Processor 3.2GHz, 4 cores 8 threads, Power consumption 45W
RAM	16GB; 2x DDR4 slots, up to 32GB
Storage	1TB SSD
Graphics Card	CPU Integrated Graphics, HD Graphics
Network Card	1x RJ45 LAN 10/100/1000M
WI-FI	IEEE 802.11 a/g/n/ac
USB	3x USB3.0; 3x USB2.0
Power button	1x power button
OPS	1x OPS (80 pin)
Audio	1x LINE-OUT & MIC-IN
LED Light	1x Power light & 1 x Harddisk light
Input	19V
Dimension (mm)	180 (L) x 195 (W) x 42 (H)
Temperature	Operating temperature: 0°C ~ 50°C; Storage temperature: -20 ~ 70°C
Humidity	5% ~ 90% no condensation

DOCUMENT CAMERA AVN-400-DPA

Resolution	8.0MP
Sensor Pixel	1/2.8" Sony CMOS
Frame Rate	30fps
Zoom	10x Optical Zoom; 10x Digital Zoom
Focus	automatic / manual
Shooting Range	A3
Device Structure	Folding, support for multi-angle shooting, the lens body rotates 90 degrees left and right
HDMI Output	4K, 1080P
VGA Output	1080P
Record Output	3840x2160P @20fps (Max), 1080P @30fps
USB Output	3840x2160 @15fps, 1080P @30fps
Image adjustment	Brightness, sharpness, contrast, saturation
Image trick	Freeze, Mirror, B&W/Color, Text, Image, On-Screen Contrast, Picture-in-Picture, etc.
LED light	3-level adjustment
Interface	VGA (Input *1 & Output *1), HDMI (Input *1 & Output *1), USB *1, USB Mouse

Specifications

DOCUMENT CAMERA AVN-400-DPA

TF Card Storage	Maximum support 32G
Native Annotation Function (by mouse operation)	Real-time annotation, auto focus, zoom in, zoom out, photo, video, video playback, on-screen comparison, picture-in-picture, freeze, title freeze, rotate, image, text and other functions
Button	Power, Switch, Rotate, Light, Zoom In & Out, Brightness Up & Down, AF
Infrared Remote Control	Yes
MIC	Yes
Power Supply	DC 12V
Size	Folded: 373.5 x 110 x 160 mm; Expanded: 448 x 385 x 160 mm
Weight	2.8Kg

GOOSENECK MICROPHONE AVN-100-DPA

Polar Pattern	Supercardioid
Frequency Response	70 ~ 20KHz
Sensitivity(0dB=1V/1Pa,1KHz)	-45dB (±2dB)
Output Impedance	200 ohm Balanced
Power Supply	DC3V/AC220V
Anti-interference	Resistance to mobile phone interference and electromagnetic interference.
Weight (g)	200
Input Power	100-240V AC, 50/60Hz
Output Power	48V DC (±2V)
Max Output Current	10mA
Input Port	1/4-inch TR5 jack
Output Port	XLR 3-pin jack
Dimensions (mm)	96 (W) x 45 (H) x 127 (D)
Weight	Approx. 500g



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INTERACTIVE PEN DISPLAY AVN-215-DPA



NETWORKED MEDIA PROCESSOR AVN-320-DPA



TOUCH PANEL AVN-710-DPA



Built-in PC AVN-500-DPA



DOCUMENT CAMERA AVN-400-DPA



GOOSENECK MICROPHONE AVN-100-DPA