DL24B
DIGITAL PODIUM

CONNECTIVITY IN
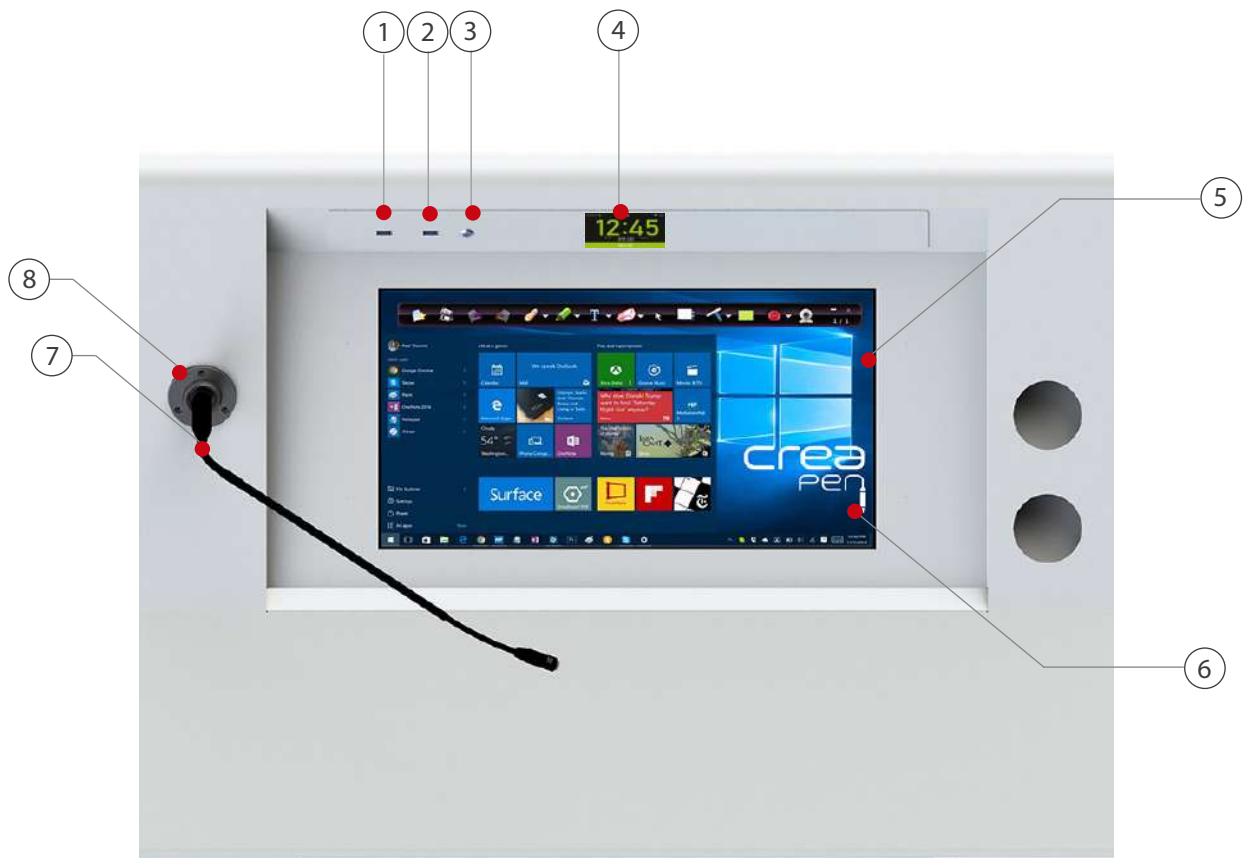
1	2	3	4

1 - USB 2.0	5 - 22" Multi Touch Screen
2 - USB 3.0	6 - Creapen Annotation Software
3 - PC On/Off	7 - 18" Microphones
4 - Clock &Timer	8 - Shock Mount

Master On/Off	Power Plug	Microphone Out	RJ45	USB	HDMI Out
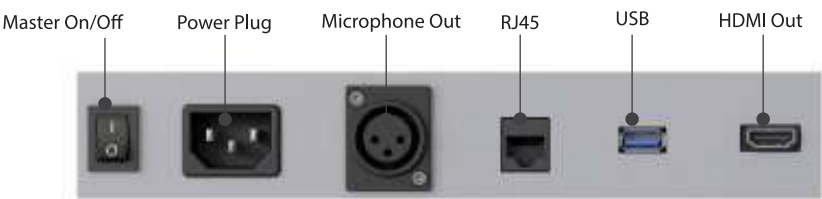
DL24B is designed to meet the basic needs in a conference room. Connecting the exisinting protector and sound system to DL24B is easy. In case there is not any protector, sound system or network connection. DL24B can satisfy your need asa stand alone product.

DL24B

|	DL24B
Multi touch speaker screen	22"
Front screen - with Embedded Signage Media Player	43"
Player PC : Intel 4,10 GHz CPU, 120 GB SSD, Windows 10 Pro	✓
Microphone	✓
5" Digital Touch Timer	✓
Creapen Annotation Software	✓

Speaker Screen
■ iiyama Prolite T22

22" 10 point touch monitor with edge-to-edge glass and AMVA panel

With its Full HD (1920x1080) resolution and accurate Projective Capacitive 10 point touch technology, the ProLite T22 delivers seamless and accurate touch response.

The AMVA panel technology guarantees high performance with excellent colour reproduction and high contrast, making it an excellent choice for a vast array of demanding interactive applications.

Touch Technology
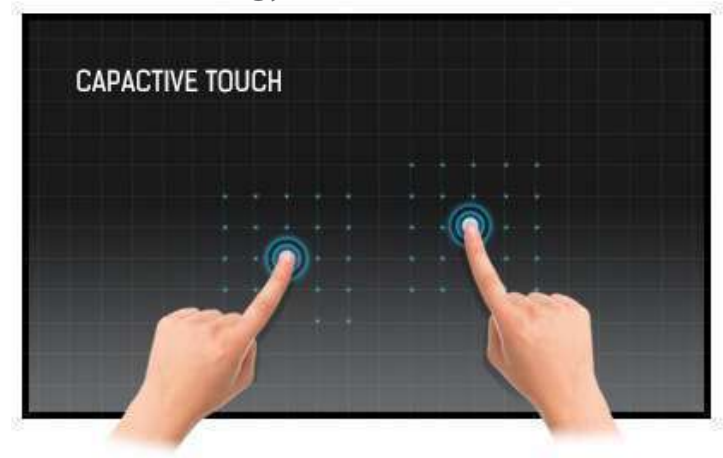
This technology uses a sensor-grid of micro-fine wires integrated into the glass that covers the screen. Touch is detected because electrical characteristics of the sensor grid change when human finger is placed on the glass. Thanks to the glass overlay this technology is highly durable, and the touch function remains unaffected even if the glass is scratched.

It offers perfect picture performance and will work with human finger (also latex gloved) and stylus-pen.

Specifications	
Diagonal	21.5"; 55cm
Aspect Ratio	16 : 9
Panel Amva	LED
Native Resolution	Full HD 1080p, 1920 x 1080 (2.1 megapixel)
Brightness	250 cd/m² typical
Brightness	215 cd/m² with touch panel
Advanced Contrast	12 000 000 : 1 ACR
Static Contrast	3 000 : 1 with touch panel
Response Time	8 ms
Viewing Zone	horizontal/vertical: 178°/ 178°; right/left: 89°/ 89°; up/down: 89°/ 89°
Display Colour	16.7 million
Blue Light Reducer	yes
Touch Technology	projective capacitive
Touch Points	10
Glass Hardness	7H minimum
Light Transmittance	85%
Display Area	H X W 268.1 x 476.6 mm; 10.6" x 18.8 "
Pixel Pitch	H X V 0.248 x 0.248 mm
Horizontal Sync	30 - 80 KHz
Vertical Sync	56 - 75 Hz
Synchronization	Separate Sync
INTERFACES / CONNECTORS / CONTROLLERS	
Analog Input Connector	VGA
Digital Input Connector	DVI, HDMI
USB HUB	UP 1 x USB 3.0 / DOWN 4 x USB 3.0
Controls	USB (touch), USB 3.0

■ Front Screen

43"

Display any content in ultra-high definition with incredibly rich color on slim, efficient signage.

Through intelligent UHD upscaling technology, Samsung's QMR series performs edge restoration and noise reduction to deliver UHD picture quality even with lower resolution content. As an added benefit, the QMR series also features reliable, non-glare panels that provide better visibility from all angles, the QMR series provides reinforced capability with multiple web formats and secured protection.

- Engage customers with lifelike images through ultra high-definition resolution
- Deliver UHD-level picture quality even with lower resolution content through innovative UHD upscaling technology and unique picture-enhancing features
- Dynamic Crystal Color allows viewers to enjoy a wider spectrum of colors, up to one billion shades
- Secure, PC-free operation through Knox and rigid three-layer protection
- Reliable, non-glare panels provide better visibility from all angles,

Integrated Signage Media Player
powered by Samsung MagicInfo S4 Tizen

Built in Wi-Fi
Connect the screen to the CMS wirelessly via the integrated Wi-Fi, ethernet or by LAN

Specifications	
Diagonal Size	43"
Type	Edge LED BLU
Resolution	UHD (3840 x 2160)
Pixel Pitch(mm)	0.2451 x 0.2451
Active Display Area(mm)	941.184 (H) x 529.416 (V)
Brightness(Typ.)	500
Contrast Ratio	4000:1
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms(Typ.)
Display Colors	16.7M
Color Gamut	72%
Operation Hour	24/7

Internal Player (Embedded H/W)	
Processor	Coretex A72 1.7GHz Quad-Core CPU
On-Chip Cache Memory	L1 Instruction Cache : 48KB L1 Data Cache : 32KB L2 Cache : 2MB
Clock Speed	1.7GHz
Main Memory Interface	2.5GB LPDDR4 1.5GHz 64bit
Graphics	Graphic resolution : 1920x1080 Output resolution : 3840x2160 (Scale up from graphic processing result.)
Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
Multimedia	MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 AC3 (DD), MPEG
IO Ports	USB 2.0
Operating System	Tizen 4.0 (VDLinux)

PC

FRONT	BACK

Windows 11 Pro

Operating System

Specifications	
Operating System	Windows 10 Pro
CPU	Intel® Pentium® Gold G6405 Processor 4.1GHz (4M Cache)
Chipset	Intel B560
Graphics	Integrated - Intel HD Graphics
Memory	DRAM MODULE(DDR4)/3200/4G
Storage	128GB M.2 NVMe™ PCIe® 3.0 SSD
Wireless Data Network	Wi-Fi 6, Bluetooth 5.0, 2*2
LAN	10/100/1000 Mbps, Intel LAN
Side(Front) I/O Ports	4 x USB 3.2 Gen2 Type-A (1 w/QC), 1 x USB 3.2 Gen1 Type-C, 2 x Audio Jacks(optional)
Back I/O Ports	1x USB3.2 Gen1 Type-A, 2x USB2.0, 1x RJ45 LAN, 2x Display Port 1.2, 1x configurable ports (HDMI 2.0/VGA/COM/DP/LAN), 1x Kensington lock, 1x DC-in
Power Supply	150W - 19Vdc, 4.74A, 90W Power Adapter
Dimensions (W x D x H)	175 x 175 x 44.2 mm
Weight	1.3KG (HDD included)
Color	Black
Accessories	USB Keyboard & Mouse
Certificates	BSMI/CB/CE/FCC/UL/CCC/Energy Star/C-Tick/WiFi/RF/VCCI

Microphone

Shure 18 CVG18S-B Microphone

Designed with dual gooseneck sections for full articulation, the CVG18 provide scalable, best-in-class performance in a wide variety of locations.
Features

- Cardioid polar pattern with tailored response for speech
- Dual-section gooseneck enables ease of positioning and placement options
- Included Flange Mount and available snap-fit windscreens (ACVG4WS-B – 4 pack)
- With Mute switch/LED,
- Guards against unwanted RF Interference from portable wireless devices gh resistance to intense nearby radio signals
- Superior Shure design and rugged, dependable construction
- Noise by up to 20 dB.

| Specifications	
Cartridge Type Electret Condenser	Electret Condenser
Frequency Response	70–16000 Hz
Polar Pattern	Cardioid
Output Impedance	180 Ω
Sensitivity (at 1 kHz , open circuit voltage)	−33 dBV/Pa[1] (22 mV)
Maximum SPL (1 kHz at 1% THD)	120 dB SPL
Signal to Noise Ratio (referenced at 94 dB SPL)	67 dB
Dynamic Range	93 dB
Self Noise (equivalent SPL, A-weighted, typical)	27 dB SPL
Common Mode Rejection (10 Hz to 100 kHz)	45 dB
Preamplifier Output Clipping Level (1% THD)	−7 dBV
Polarity	3
Power Requirements	11–52 V DC[4], 2.0 mA

Shure A400SMXLR Shock Mount

Shure A400SMXLR Shock Mount Socket
A400SMXLR Shock Mount decouples a microphone from the mounting surface and reduces transmission of impact or surface

Connector   Insert   Cable   ShockMount   Rubber Grommet
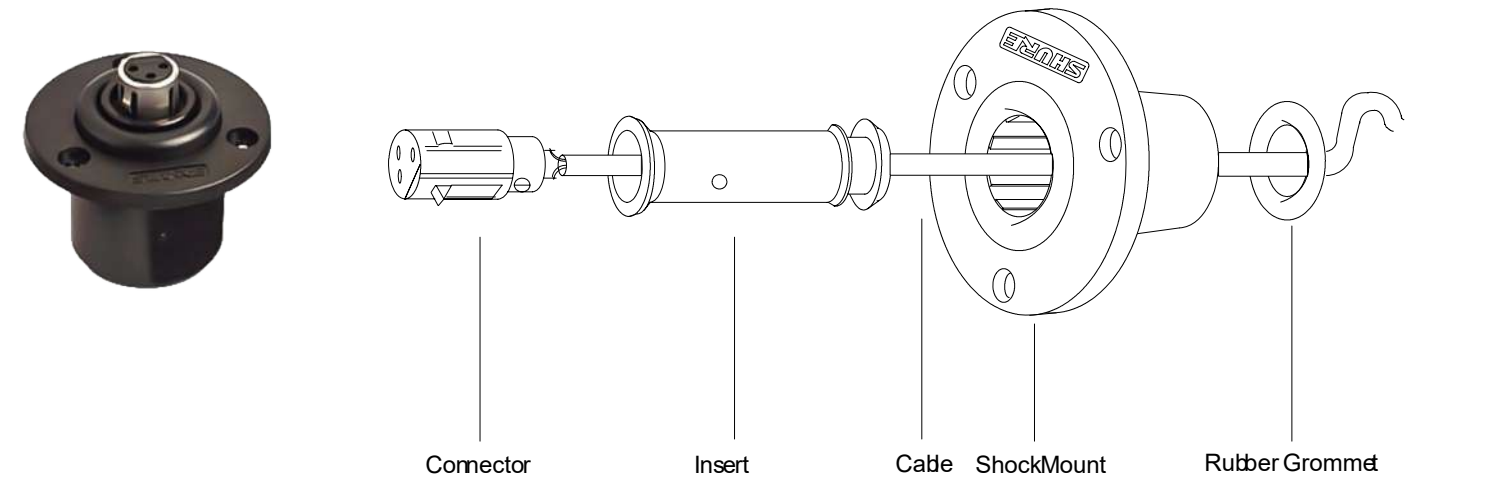
Application

Creapen Software

Screen Annotation & Screen Recording Solution for Presentations

CreaPen is an extremely simple yet powerful screen annotation and recording software. You can easily write on top of any other application that is currently active on the desktop, even on a running video. You can then save your annotations as an image file or even record the whole session as a video for sharing. It is a useful took for presenters to communicate and share idead during a live session, for educators to create effective video tutorials and for salespeople to create impressive video presentations.
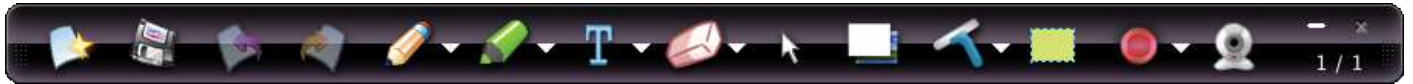
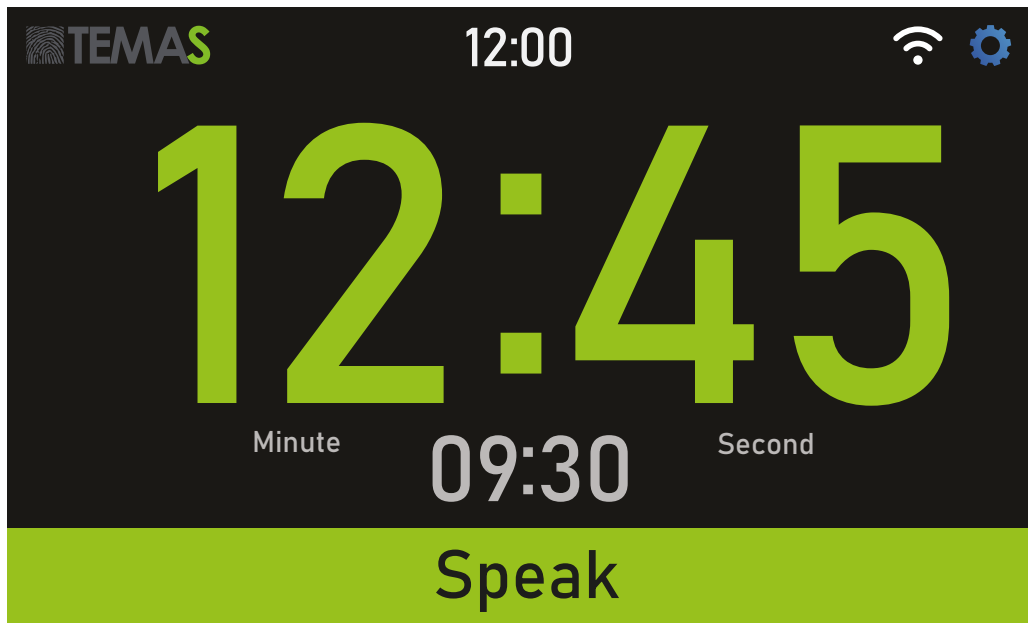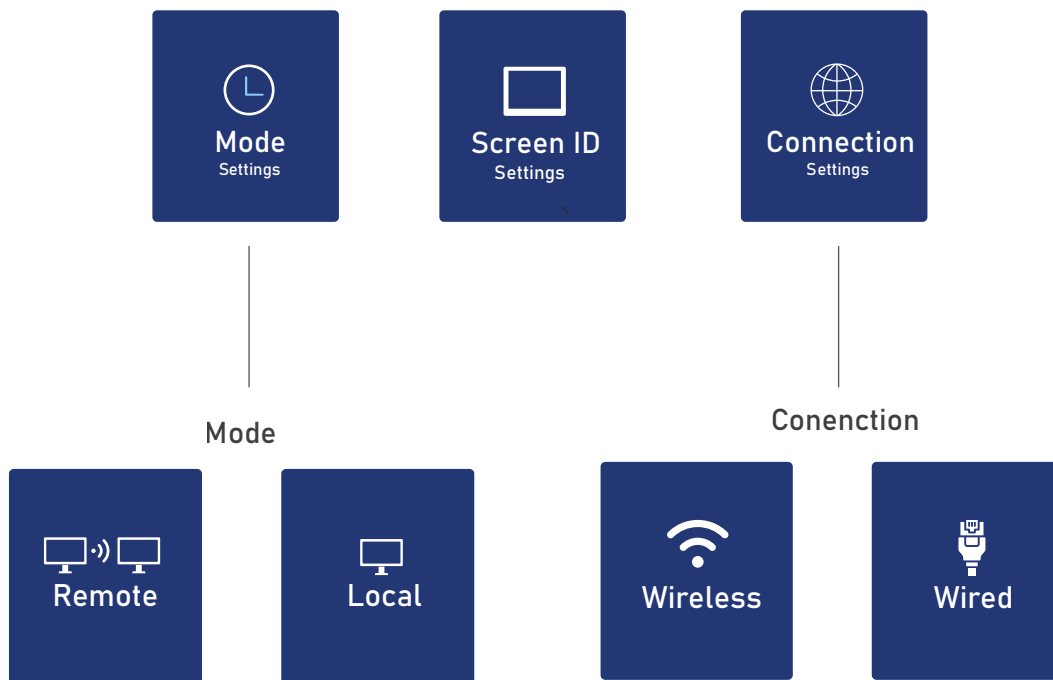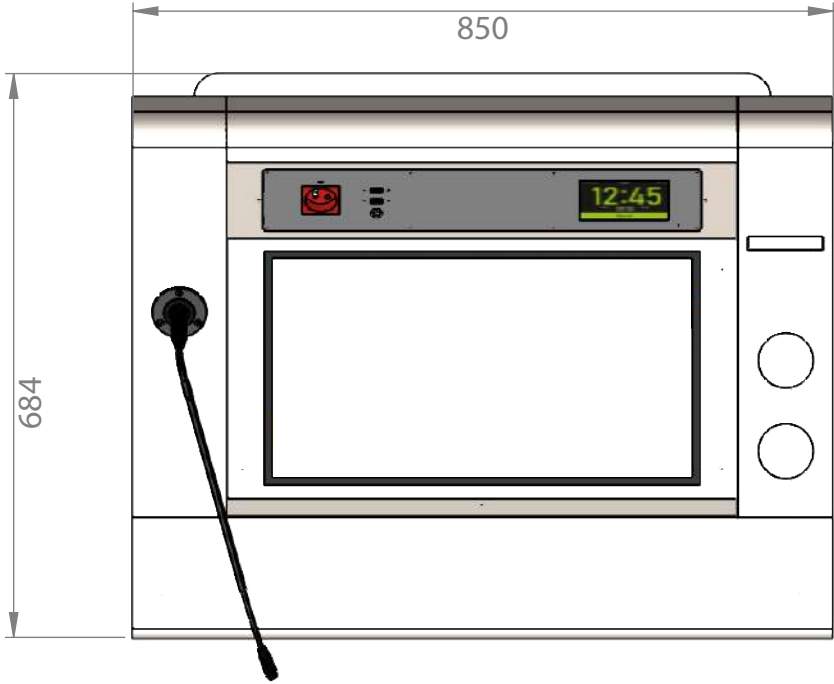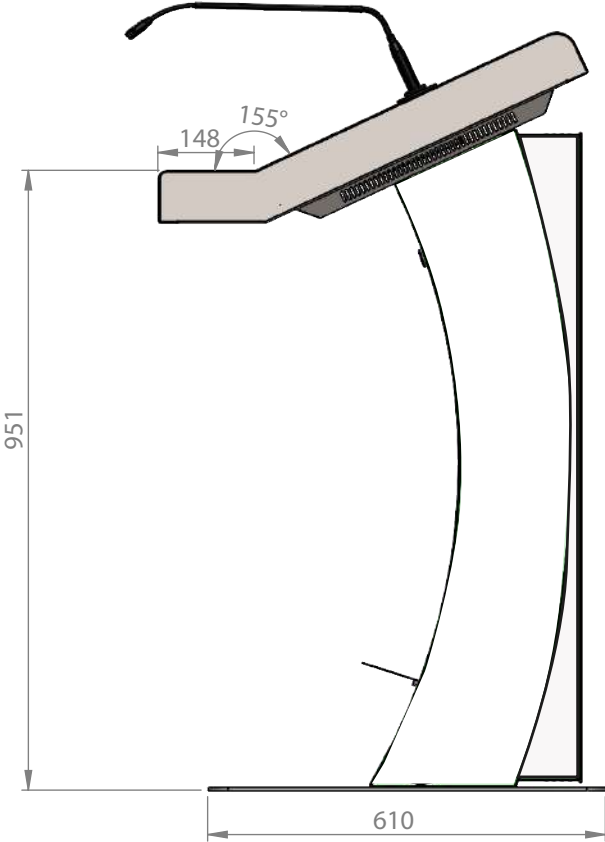| Text Input | Whiteboard | Multiple Pages | Screen Recording | Screen Annotation | Web Camera |

Application

■ Speak - Green: 80% of the entire speech
■ Sum-up – Orange: The speaker is reminded to end
■ End – Red: To remind the speaker to stop talking

Settings

Mode
Settings

Screen ID
Settings

Connection
Settings

Mode

Remote

Local

Conenction

Wireless

Wired

■ Technical specifications

	DL24B
■ Front Panel	**43"**
Resolution	1920x1080 FHD
Brightness	350 cd/m2
Aspect Ratio	16:9
Panel Type	IPS
Front Panel Player	Digital Signage Media Player
■ Lecturer Panel	**22"**
Screen	
Resolution	1920x1080
Brightness	250 cd/m2
Aspect Ratio	16:9
Number of Touch Point	10 Points Capacitive
Lecturer Panel PC	
CPU	Intel 4,10 GHz
RAM	4 GB
HDD	120 GB SSD
Operation System	Windows 10 Pro
■ Microphone	
Lenght	18"
No of Microphone	1 pcs
Output Connector	3-way XLR(Male)
Microphone Type	Cardioid
Frequency Response	50 - 18 kHz
Power ON Indicator	LED
Power Requirement	Phantom Power (48V)
■ Outputs (Bottom of Podium)	
HDMI	Available (Projector Out)
Ethernet	Network Connection
XLR for Microphone	3-way XLR(Male)
USB	USB 2.0 (for internal PC)
■ Timer	
Screen size	5"
Clock	Available
Timer	Available
Stopwatch	Available
Touch	PCAP touch
■ Mechanical Specs	
Outline Dimesion(mm)Set	684 x 850 x 1163
Outlibe Dimension(mm)Package	810 x 990 x 1390
Weight(kg)	Set: 74 kg Package: 125 kg

TEMAS

Technology & Marketing Solutions