TEMAS
Technology & Marketing Solutions

DIGITAL PODIUM



Temas Digital Podium
Quality All Series

Having the production, assembly, and integration experiences on displays and monitors more than a decade, Temas Technology makes you to create differential and innovative approaches to your customers with professional AV systems. You can touch your target groups with the Temas Technology's Digital Podium and Digital Signage, LCD and Information Display products both at in-door and out-door to creates value-added services.

State of the art, well designed, ergonomic Digital Podiums are the key solution for your conferences, presentations. Make your presentations reaching to all your audiences as to be fully integrated with the already installed professional AV systems.

From your basic needs to more advanced requirements, our Digital Podiums enhanced with variety of universal plug-n-play connectors, touch displays are very convenient to all types of conference rooms.

Digital age is at your podium.
Be privileged, add value to your business

Turn your lectern into an exciting

communication platform



TK32H-M
DIGITAL PODIUM



Connectivity In



Connectivity Out







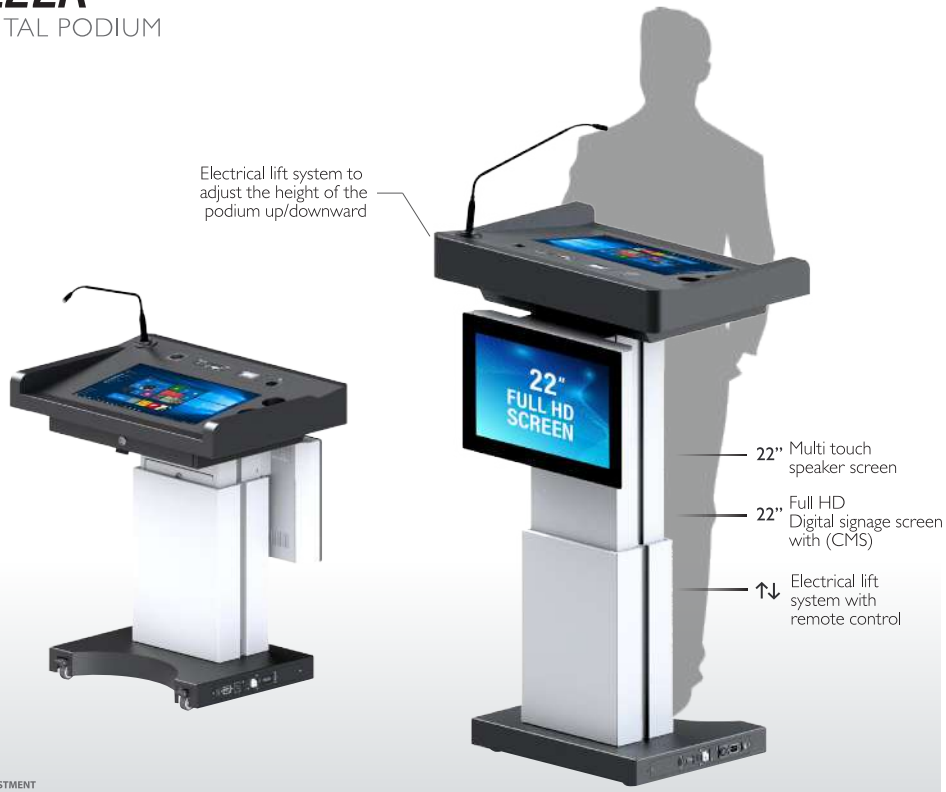




You can automatically adjust the height of the podium based on the height of the speaker with the TK32H-M, whose fundamental difference from the TK32H model product is the height adjustment motor found in the housing, and you can do this without the speaker noticing with the optional remote. You can capture the ideal image angle that will automatically adjust the angle of the multitouch speaker screen. You can also safely preserv the sliding cover by locking it when not in use.

	TK32H	TK32H-M	TK32H-A
Multi touch speaker screen	22"	22"	22"
Front screen - with Embedded Signage Media Player	32"	32"	-
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Pro	✓	✓	✓
Switcher & Scalar (HDMI & VGA in)	✓	✓	✓
Electrical Lifting Column for Height Adjustment	-	✓	-
Electrical Lifting Column for Speaker Screen Angle Adjustment	✓	✓	✓
Microphone	✓	✓	✓
Stereo Amplifier	Optional	Optional	Optional
Speakers	Optional	Optional	Optional

DL22A
DIGITAL PODIUM



HEIGHT ADJUSTMENT

APPLICATION

Windows | crea pen

Connectivity In





Connectivity Out





The DL22A is contrived to be a cost-effective solution convenient for short speeches such as press or hotel conference rooms. Along with an ergonomic functional design, the DL22A features a 22" Multi touch capacitive touch screen designed with IPS technology. The 22" front screen is equipped with a signage media player and content management software. The DL22A provides ease and simplicity when connecting to any projector or audio system.

	DL22A	DL22A-M
Multi touch speaker screen	22"	22"
Front screen with Embedded Signage Media Player	22"	22"
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Pro	✓	✓
Remotely Controlled Electrical Lifting Column for Height Adjustment	✓	✓
Microphone	✓	✓
3.5" Digital Touch Timer	✓	✓
Creapen Annotation Software	✓	✓

DL24B
DIGITAL PODIUM



APPLICATION

Windows | crea pen

Connectivity In



Connectivity Out





DL24B is designed to meet the basic needs in a conference room. Connecting the existing projector and sound system to DL24B is easy. In case there is not any projector, sound system, or network connection, DL24B can satisfy your needs as a stand alone product.







	DL23B
Multi touch speaker screen	22"
Front Screen with Embedded Signage Media Player	43"
Front Screen Content Management Software	✓
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Pro	✓
Microphone	✓
Creapen Annotation Software	✓
3.5" Digital Touch Timer	✓

TM23S

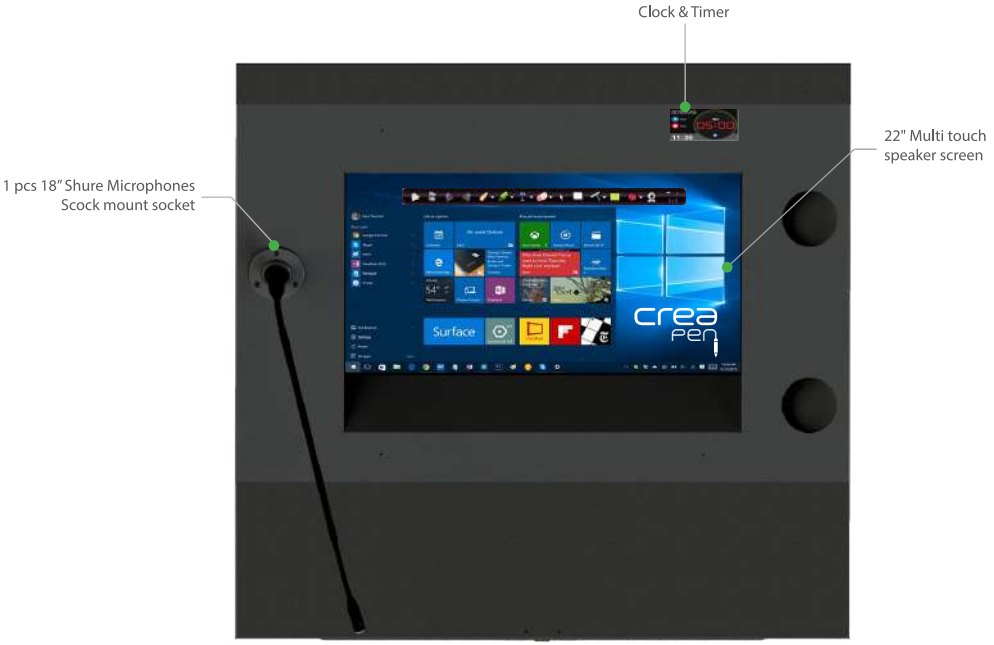
DIGITAL PODIUM



APPLICATION

Windows | crea pen

Connectivity In



Connectivity Out











TM23S is designed to satisfy the requirements in conference halls and hotels. Connecting projectors and audio systems to TM32S from its built-in connectors is easy. TM32S has the latest technology for meeting rooms, and lecture halls. It is equipped with personal computer, 32" front screen. it is also designed to beused as an stand alone product.

	TM23S
Multi touch speaker screen	22"
Front Screen with Embedded Signage Media Player	32"
Front Screen Content Management Software	✓
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Pro	✓
Microphone	✓
3.5" Digital Touch Timer	✓
Creapen Annotation Software	✓

DL27M
DIGITAL PODIUM



HEIGHT ADJUSTMENT

APPLICATION

Windows | crea pen

Connectivity In



Connectivity Out











The DL27M is specially designed podium, adjustable to various heights according to the needs the speaker. The 27" high precision touch screen allow the speaker to take notes and interact with the presentation more conveniently. Connecting your projector and sound system to the DL27M is as easy as connecting the cables.

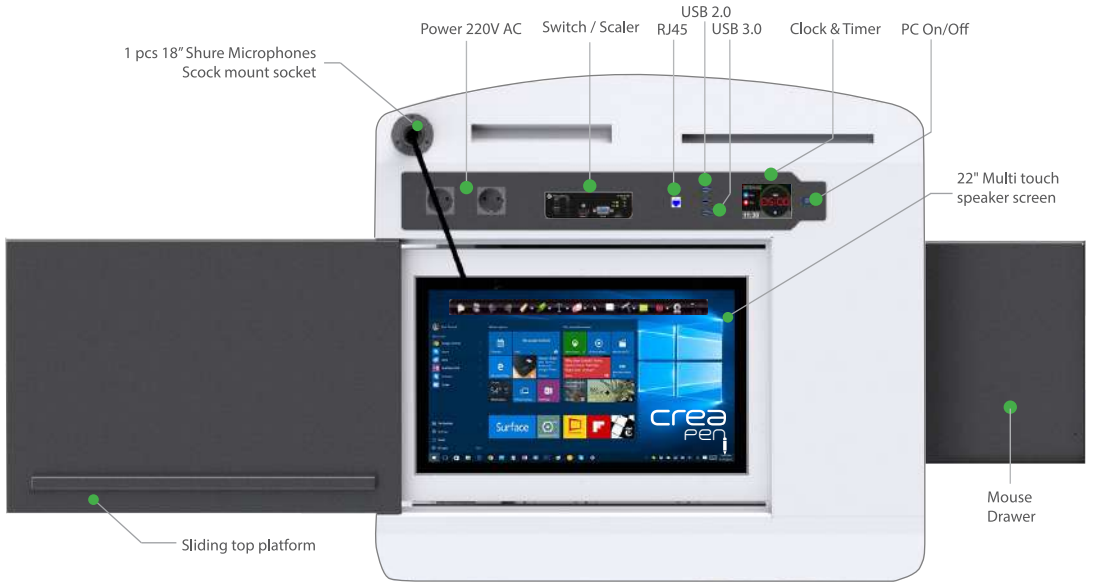
	DL27M	DL27M-F
Multi touch speaker screen	27"	27"
Front screen - with Embedded Signage Media Player	✓	22"
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Pro	✓	✓
Microphone	✓	✓
Creapen Annotation Software	✓	✓
3.5" Digital Touch Timer	✓	✓
Remotely Controled Height Adjustment	✓	✓

ML22T
DIGITAL PODIUM



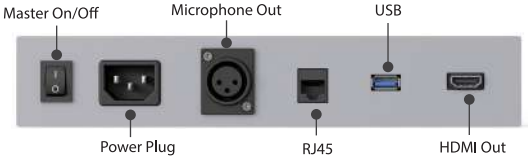


Connectivity In



Connectivity Out





ML22T covers your professional presentation requirements and complex needs with its complete solutions. Sliding top panel both protects your touch display and becomes a platform for your documents, laptop. Multi-purpose complete connector panels give ability to access to power, external projector and display devices, Speakers can convey their voice through meeting rooms. and lecture halls. It is equipped with personal computer with the ML22T, which has a wide body large enough to be able to harbor all types of sound and imaging devices and a front and back service cover, you can gather all your conference devices into one place without needing an external space.

	ML22T
Multi touch speaker screen	22"
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Embedded iot OS	✓
Switcher & Scalar (HDMI & VGA in)	✓
Microphone	✓
Creapen Annotation Software	✓
3.5" Digital Touch Timer	✓
Stereo Amplifier	Optional
Speakers	Optional

ML22TPRO
DIGITAL PODIUM





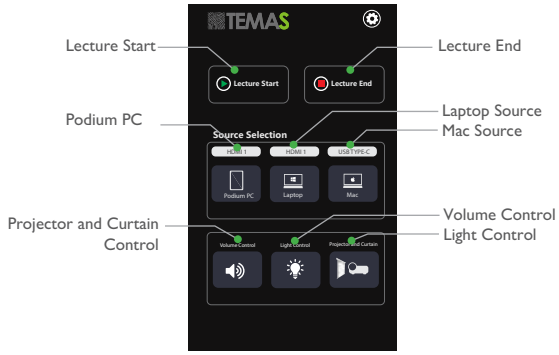
APPLICATION

Windows | crea per

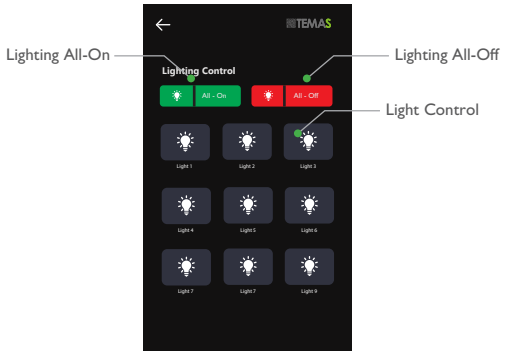


7" Tablet Software Control

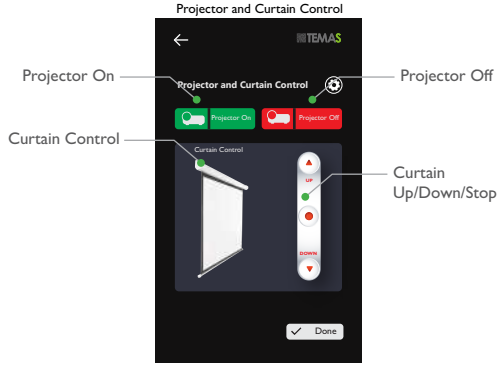
Main Menu



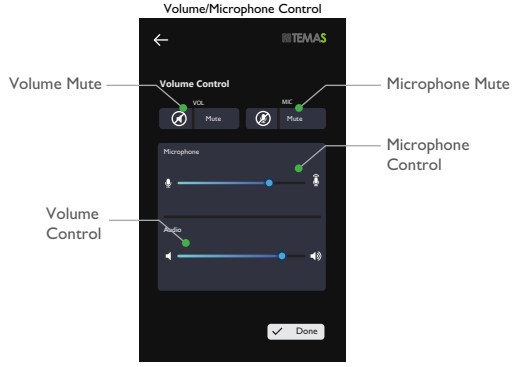
Lighting Control



Projector and Curtain Control



Volume/Microphone Control



	ML22T
Multi touch speaker screen	22"
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Pro	✓
Switcher & Scalar (HDMI & VGA in)	✓
Microphone	✓
Creapen Annotation Software	✓
3.5" Digital Touch Timer	✓
Stereo Amplifier	Optional
Speakers	Optional

EP22A

DIGITAL PODIUM



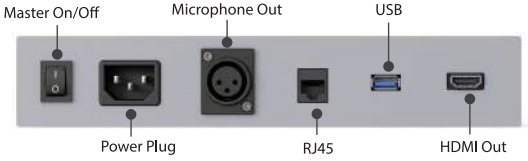
APPLICATION

Windows | crea pen

Connectivity In



Connectivity Out





Complex presentations that require multiple additional devices, communication and power ports, AV control panels, EP22A covers all of them. Professional and more technical meetings, conferences and classes are the places for EP22A. Well designed, dedicated work-areas on top surface allows the speaker to make the meeting rooms, and lecture halls. It is equipped with personal computer, 32" front screen. it is also designed to be

	EP22A
Multi touch speaker screen	22"
Player PC : Intel i3 4GB, 120 GB SSD Win 10 Pro	✓
Switcher & Scalar (HDMI & VGA in)	✓
Microphone	✓
Creapen Annotation Software	✓
Stereo Amplifier	Optional
Speakers	Optional

Conference Prompter





Accessories



Foot control pedal for prompters



Prompter Hand control device



Wireless pen control device for prompter



Prompter Hand control device



Wireless Hand control device for prompter

The Conference Teleprompter is perfectly suitable for conferencerooms, press rooms, classrooms or any other indoor events where a speaker is addressing an audience. It is cost effective with ultra clear glass and ergonomic lightweight design. It is easy to assembly and offers andadjustable glass and hood that provides a great view angle. it has a portable and firm hard case. Most important is the "flip mirror" feature which is already embedded inside the hard ware that provides the reverse view automatically

	PROC 15	PROC 17
Panel Size	15"	17"
Panel Dimensions	28x36,3x4,5 cm	32,5x40x4,5 cm
Resolution	1024x768	1280x1024
High Brightness	400cd/m2 - 1000 cd/m2	250cd/m2 - 1000 cd/m2
Contrast Ratio	700:1	1000:1
Viewing Angle	160/140	170/160
Reading Range	16 ft (5m)	20 ft (6m)
Weight	14,30 kg	15,50 kg
Box Dimensions	82x51x14 cm	82x51x14 cm
Rated Input Power	35 Watt	35 Watt
Rated Input Voltage	230V AC 50Hz	230V AC 50Hz
Aspect Ratio	4:3	4:3
Glass	Teleprompter Glass	Teleprompter Glass
Complance	CE & ROHS	CE & ROHS
Video Input	BNC, HDMI, VGA	BNC, HDMI, VGA

	TK32H	TK32H-M	TK32H-A
Front Panel	32”	32”	32”
Resolution	1920x1080 FHD	1920x1080 FHD	1920x1080 FHD
Brightness	350 cd/m2	350 cd/m2	350 cd/m2
Aspect ratio	16:9	16:9	16:9
Panel Type	IPS	IPS	IPS
Front Panel Plaer	Built-in Digital Signage Media Player	Built-in Digital Signage Media Player	Built-in Digital Signage Media Player
Lecturer Panel	22”	22”	22”
Screen Specifications			
Resolution	1920x1080	1920x1080	1920x1080
Brightness	250 cd/m2	250 cd/m2	250 cd/m2
Aspect Ratio	16:9	16:9	16:9
Number of Touch Point	10 points Capacitive	10 points Capacitive	10 points Capacitive
Lecturer Panel PC Specifications			
CPU	4th Generation Intel Core i3	4th Generation Intel Core i3	4th Generation Intel Core i3
RAM	4 GB DDR4	4 GB DDR4	4 GB DDR4
HDD	120 GB SSD	120 GB SSD	120 GB SSD
Operationg System	Windows Embedded 10Pro	Windows Embedded 10Pro	Windows Embedded 10Pro
Microphone			
Lenght	18"	18"	18"
No of microphone	1 pcs	1 pcs	1 pcs
Output Connector	3-way XLR(Male)	3-way XLR(Male)	3-way XLR(Male)
Microphone Type	Cardioid	Cardioid	Cardioid
Frequency Response	50 -18 kHz	50 -18 kHz	50 -18 kHz
Power ON Indicator	LED	LED	LED
Power Requirement	Phantom Power (48V)	Phantom Power (48V)	Phantom Power (48V)
Outpots (Bottom of Podium)			
HDMI	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)
Ethernet	Network Connection for Complete System	Network Connection for Complete System	Network Connection for Complete System
XLR for microphone	3-way XLR (Male)	3-way XLR (Male)	3-way XLR (Male)
USB	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)
Height Adjust Engine			
Movement		Vertical (Up/Down)	
Control		By Buttons (Up/Down) and Remote Control	
Speed		Max speed: 38 mm/s	
Lifting strength		700N	
Locking System		Automatic Looking when engine not working	
Engine Type		Electrical	
Mechanical Specs			
Outline Dimension(mm)Set	813 x 810 x 1136	813 x 810 x 1136	813 x 810 x 1136
Outline Dimension(mm)Package	890 x 950 x 1260	890 x 950 x 1260	890 x 950 x 1260
Weight(kg)	Set: 90 kg Package: 159 kg	Set: 90 kg Package: 140 kg	Set: 82 kg Package: 132 kg

	DL22A	DL22A-M	DL27M	DL27M-F
Front Panel	22”	22”		22”
Resolution	1920x1080 FHD	1920x1080 FHD		1920x1080 FHD
Brightness	350 cd/m2	350 cd/m2		350 cd/m2
Aspect ratio	16:9	16:9		16:9
Panel Type	IPS	IPS		IPS
Front Panel Plaer	Built-in Digital Signage Media Player	Built-in Digital Signage Media Player		Built-in Digital Signage Media Player
Lecturer Panel	22”	22”	27”	27”
Screen Specifications				
Resolution	1920x1080	1920x1080	1920x1080	1920x1080
Brightness	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
Aspect Ratio	16:9	16:9	16:9	16:9
Number of Touch Point	10 points Capacitive	10 points Capacitive	10 points Capacitive	10 points Capacitive
Lecturer Panel PC Specifications				
CPU	4th Generation Intel Core i3	4th Generation Intel Core i3	4th Generation Intel Core i3	4th Generation Intel Core i3
RAM	4 GB DDR4	4 GB DDR4	4 GB DDR4	4 GB DDR4
HDD	120 GB SSD	120 GB SSD	120 GB SSD	120 GB SSD
Operationg System	Windows Embedded 10 Pro	Windows Embedded 10 Pro	Windows Embedded 10 Pro	Windows Embedded 10 Pro
Microphone				
Lenght	18"	18"	18"	18"
No of microphone	1 pcs	1 pcs	1 pcs	1 pcs
Output Connector	3-way XLR(Male)	3-way XLR(Male)	3-way XLR(Male)	3-way XLR(Male)
Microphone Type	Cardioid	Cardioid	Cardioid	Cardioid
Frequency Response	50 -18 kHz	50 -18 kHz	50 -18 kHz	50 -18 kHz
Power ON Indicator	LED	LED	LED	LED
Power Requirement	Phantom Power (48V)	Phantom Power (48V)	Phantom Power (48V)	Phantom Power (48V)
Outpots (Bottom of Podium)				
HDMI	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)
Ethernet	Network Connection for Complete System	Network Connection for Complete System	Network Connection for Complete System	Network Connection for Complete System
XLR for microphone	3-way XLR (Male)	3-way XLR (Male)	3-way XLR (Male)	3-way XLR (Male)
USB	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)
Height Adjust Engine				
Movement		Vertical (Up/Down)	Vertical (Up/Down)	Vertical (Up/Down)
Control		By Buttons (Up/Down) and Remote Control	By Buttons (Up/Down) and Remote Control	By Buttons (Up/Down) and Remote Control
Speed		Max speed: 38 mm/s	Max speed: 38 mm/s	Max speed: 38 mm/s
Lifting strength		700N	700N	700N
Locking System		Automatic Looking when engine not working	Automatic Looking when engine not working	Automatic Looking when engine not working
Engine Type		Electrical	Electrical	Electrical
Mechanical Specs				
Outline Dimension(mm)Set	550 x 800 x 1091	550 x 800 x 1091	526 x 798 x 783	550 x 800 x 1091
Outline Dimension(mm)Package	670 x 920 x 1300	670 x 920 x 1300	622 x 894 x 989	670 x 920 x 1300
Weight(kg)	Set: 68 kg Package: 107 kg	Set: 68 kg Package: 107 kg	Set: 63 kg Package: 108 kg	Set: 68 kg Package: 112 kg

	DL24B	TM23S	EP22A	ML22T
Front Panel	43”	32”		
Resolution	1920x1080 FHD	1920x1080 FHD		
Brightness	500 cd/m2	350 cd/m2		
Aspect ratio	16:9	16:9		
Panel Type	IPS	IPS		
Front Panel Plaer	Built-in Digital Signage Media Player	Built-in Digital Signage Media Player		
Lecturer Panel	22”	27”	22”	22”
Screen Specifications				
Resolution	1920x1080	1920x1080	1920x1080	1920x1080
Brightness	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
Aspect Ratio	16:9	16:9	16:9	16:9
Touch Screen Technology Point	10 points Capacitive	10 points Capacitive	10 points Capacitive	10 points Capacitive
Lecturer Panel PC Specifications				
CPU	4th Generation Intel Core i3	4th Generation Intel Core i3	4th Generation Intel Core i3	4th Generation Intel Core i3
RAM	4 GB DDR4	4 GB DDR4	4 GB DDR4	4 GB DDR4
HDD	120 GB SSD	120 GB SSD	120 GB SSD	120 GB SSD
Operationg System	Windows Embedded 10 Pro	Windows Embedded 10 Pro	Windows Embedded 10 Pro	Windows Embedded 10 Pro
Microphone				
Lenght	18"	18"	18"	18"
No of microphone	1 pcs	1 pcs	1 pcs	1 pcs
Output Connector	3-way XLR(Male)	3-way XLR(Male)	3-way XLR(Male)	3-way XLR(Male)
Microphone Type	Cardioid	Cardioid	Cardioid	Cardioid
Frequency Response	50 -18 kHz	50 -18 kHz	50 -18 kHz	50 -18 kHz
Impedance	220Ω	220Ω	220Ω	220Ω
Power ON Indicator	LED	LED	LED	LED
Power Requirement	Phantom Power (48V)	Phantom Power (48V)	Phantom Power (48V)	Phantom Power (48V)
Outpots (Bottom of Podium)				
HDMI	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)	Available (Projector Out) (max 1080p)
Ethernet	Network Connection for Complete System	Network Connection for Complete System	Network Connection for Complete System	Network Connection for Complete System
XLR for microphone	3-way XLR (Male)	3-way XLR (Male)	3-way XLR (Male)	3-way XLR (Male)
USB	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)	USB 2.0 (for internal PC)
Mechanical Specs				
Outline Dimension(mm)Set	742 x 950 x 1159	697 X 744 X 1157	580 x 1160 x 980	754 x 810 x 1049
Outline Dimension(mm)Package	810 x 1000 x 1320	850 X 900 X 1350	676 x 1256 x 1186	890 x 906 x 1255
Weight(kg)	Set: 66 kg Package: 119 kg	Set: 62 kg Package: 109 kg	Set: 76 kg Package: 117 kg	Set: 104 kg Package: 161 kg

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 tool for presenters to communicate and share ideas during a live session, for educators to create effective video tutorials and for salespeople to create impressive video presentations.

Intuitive UI



Screen Annotation

Let you write, draw or highlight on any content being shown on the desktop from any app, be it a webpage, a slideshow, a running video or even presentation mode of Keynote and Powerpoint.
Save the current desktop with your annotations as an image. Image formats:
PNG, JPEG, Bitmap or GIF (for Windows), and PNG (for Mac OS X).

Screen Recording

Record High-Quality video of entire desktop together with
your annotation as a video.Video formats: WMV (for Windows) and MOV (for Mac OS X).
Let you de□ne a region of interest on the screen and only record within that region.
Record your voice from the microphone.Allow pause and resume during a recording session.



Web Camera

Toggle the webcam view on/o□ for recording. For a video presentation, showing your webcam view might help you connect better with your audience.

Whiteboard/Blackboard

Toggle between your desktop screen and a whiteboard/blackboard with just a single-click. Helpful when you want to quickly show your idea on a clean page.

Multiple Pages

Toggle between your desktop screen and a whiteboard/blackboard with just a single-click. Helpful when you want to quickly show your idea on a clean page.

Text Input

Allow you to type text.



Turn your lectern into an exciting
communication platform



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