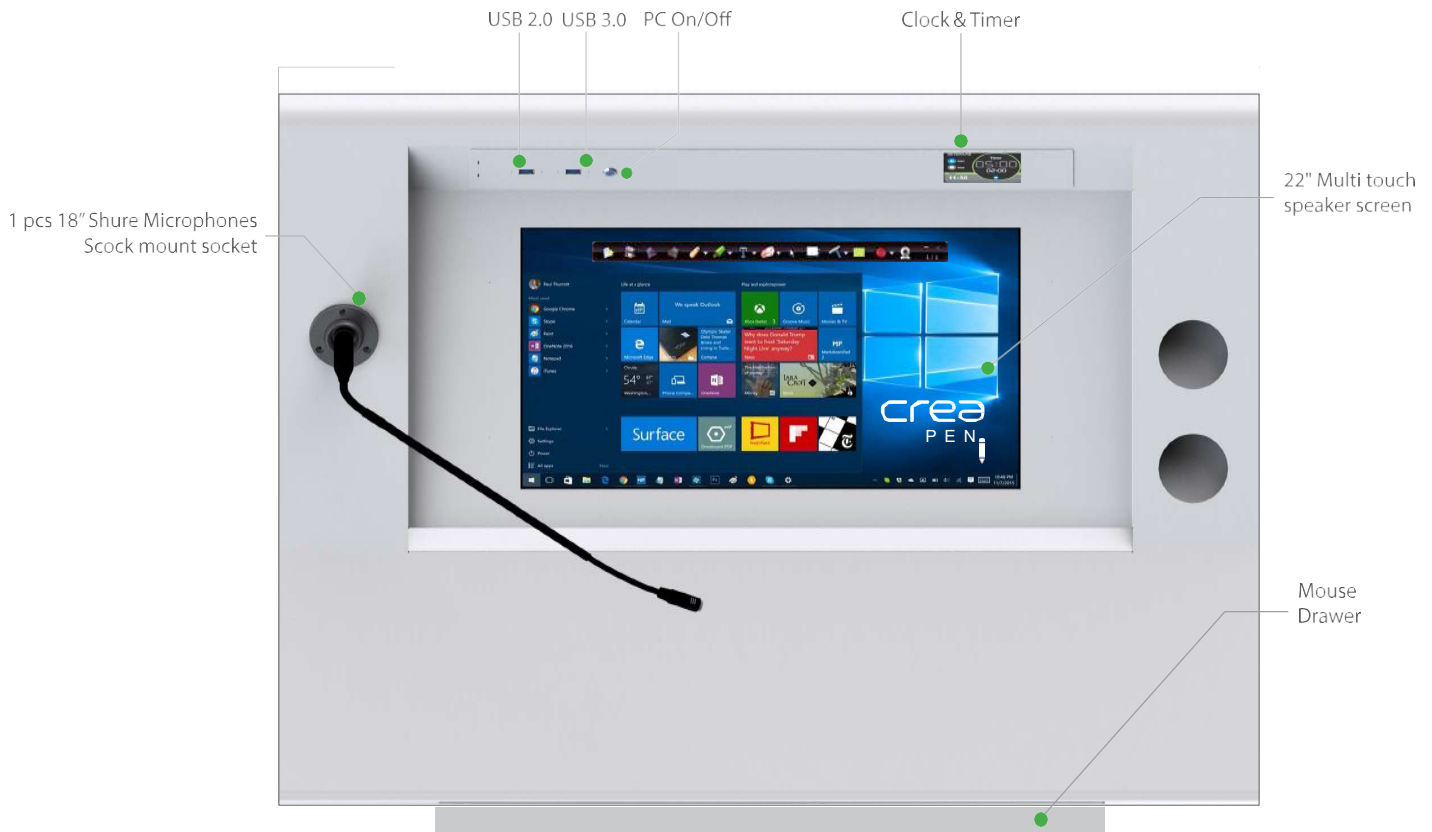




## Connectivity in



## Connectivity out



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

	LISBOA
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 Embedded iot OS	✓
Microphone	✓
Creapen Annotation software	✓
3.5" Digital touch timer	✓



## Speaker Screen

iiyama Prolite T2236MSC-B2



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 T2236MSC 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 unaucted even if the glass is scratched.

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

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/m <sup>2</sup> typical
Brightness	215 cd/m <sup>2</sup> 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
<b>INTERFACES / CONNECTORS / CONTROLLERS</b>	
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

## Samsung QM43R



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. Backed by Tizen 4.0, 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

### The all-new embedded media player powered by TIZEN™

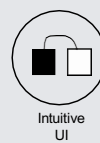
A key aspect of the enhanced TIZEN-based SSSP 4.0 platform, Samsung's MagicInfo Player S4 enables users to fully leverage the power of their display network from any location through a centralized server. More useable than ever, MagicInfo Player S4 merges a dedicated Backup Player with DataLink content streaming capabilities to reduce the effort needed to share vital information.



PC-less  
Touch



Centralized  
Management



Intuitive  
UI



### 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

Diagonal size	43"
Type	60Hz D-LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.12125(H) x 0.36375(V)
Active Display Area(mm)	698.4(H) x 392.85(V)
Brightness(Typ.)	400 nit
Contrast Ratio	5000:1
Viewing Angle(H/V)	178:178
Response Time(G-to-G)	8ms
Display Colors	10bit Dithering - 1.07Billion
Color Gamut	0.72
Operation Hour	24/7
Haze	2%
Dynamic C/R	50,000:1
H-Scanning Frequency	30 ~ 81kHz
V-Scanning Frequency	48 ~ 75Hz
Maximum Pixel Frequency	148.5MHz
Speaker Type	Built in Speaker(10W x 1)

Front Panel



Rear Panel



Operating system	Windows 10 Embedded IoT
Processor	Intel Core i3
Chipset	Intel H310 Express chipset
Ram	4GB
Video	HDMI x1 + DisplayPort x1 Supported double screens , 4K Play
Storage	120 GB SSD
Audio	2 Channels
Network	2 x 10/100/1000 Gigabit LAN (Intel Chipset), WIFI (Optional)
Ports	4 x USB3.0 - 2 x USB2.0 - 1 x HDMI - 1 x Display Port - 1 x eSATA+USB2.0 COM port 2 x RJ45
Case	Ultra Mini ITX
Power	90W 19V Adapter



# 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.



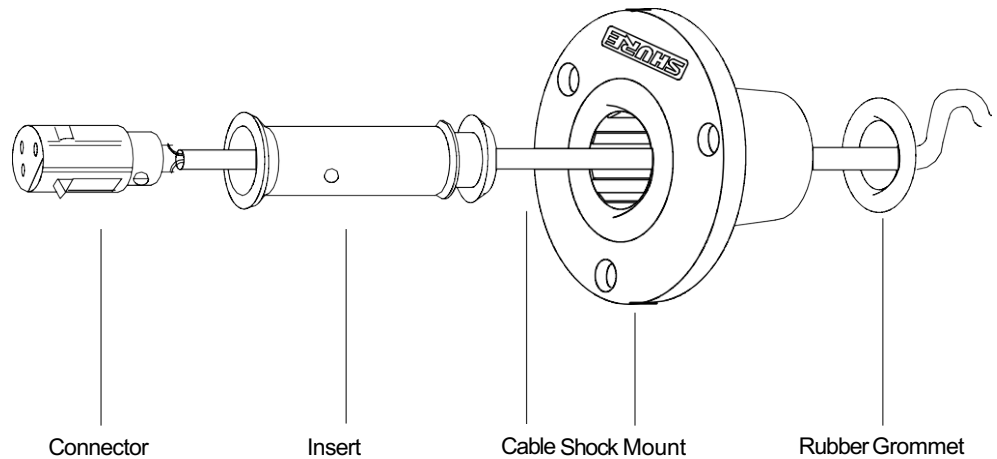
### Specifications

Cartridge Type Electret Condenser	Electret Condenser
Frequency Response	70–16000 Hz
Polar Pattern	Cardioid
Output Impedance	180 $\Omega$
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

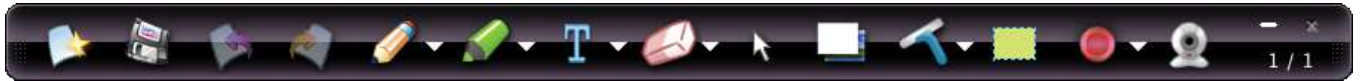






### Screen Annotation & Screen Recording Solution for Presentations

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.



Text Input



Whiteboard



Multiple Pages



Screen  
Recording



Screen  
Annotation



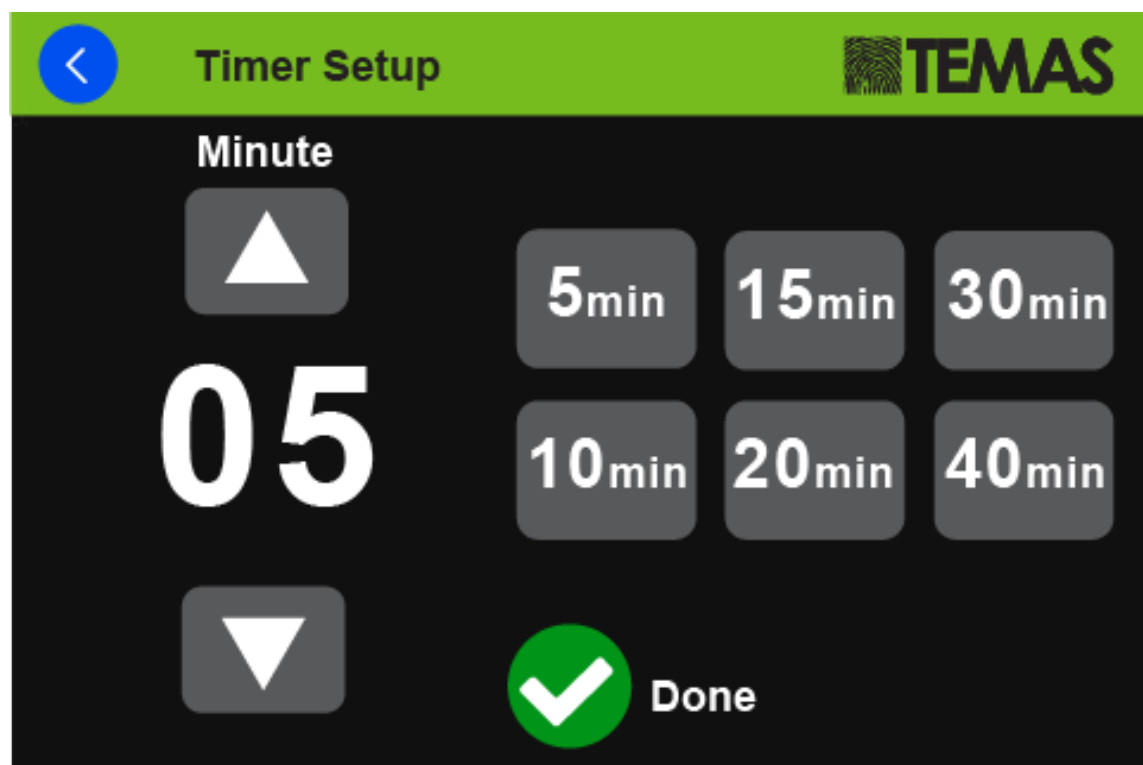
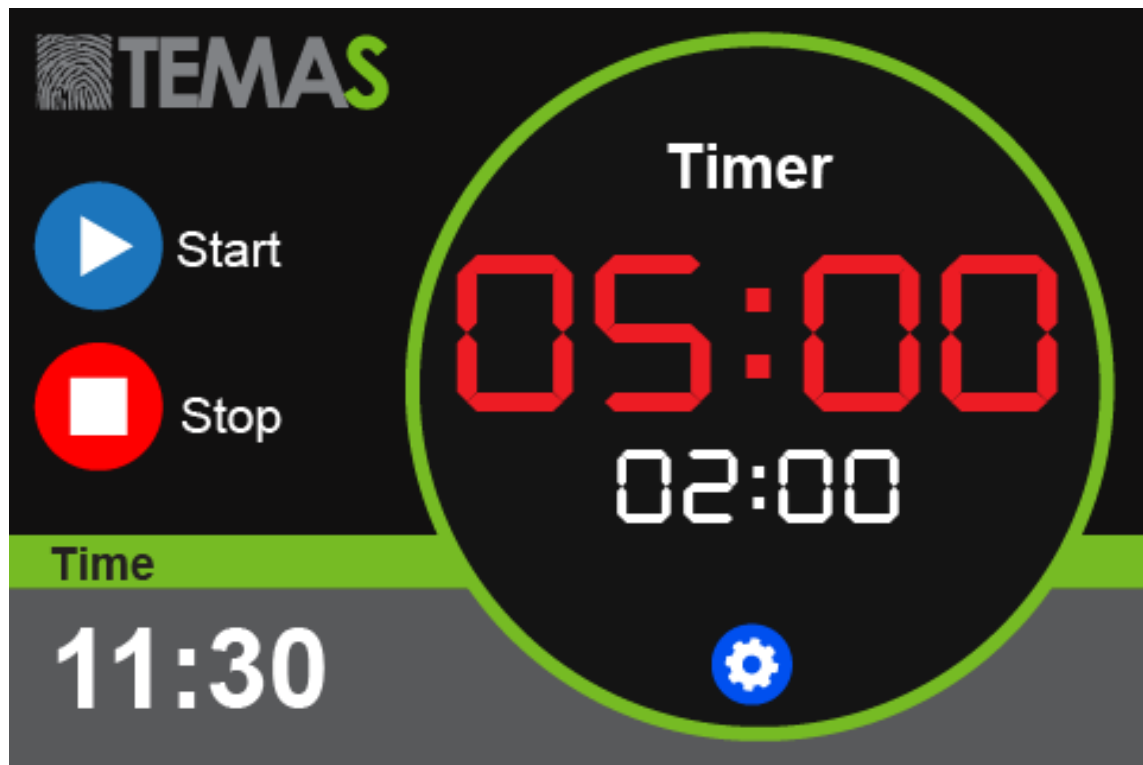
Web Camera





## Application

3,5" Touch screen Timer & Clock







## Technical specifications

Front Panel	43"
Resolution	1920x1080 FHD
Brightness	500 cd/m2
Aspect ratio	16:9
Panel Type	IPS
Built-in Player	Available

### Lecturer Panel

Screen Specifications	22"
Resolution	1920x1080
Brightness	250 cd/m2
Aspect Ratio	16:9
Number of Touch Point	10 Points Capacitive

### Lecturer Panel PC

CPU	Intel Core i3
RAM	4 GB DDR4
HDD	120 GB SSD
Operationg System	Windows 10 Embedded IoT

### 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)

### Outpots (Bottom of Podium)

HDMI	Available
Ethernet	RJ45
XLR for microphone	3-way XLR(Male)
USB	USB 2.0

### Mechanical Specs

Outline Dimension(mm)Set	742 x 950 x 1159
Outline Dimension(mm)Package	810 x 1000 x 1320
Weight(kg)	Set: 66 kg Package: 119 kg