



# 7" Digital Signs

w03/2014

## Content:

General Information	1
7" Modullex Digital Signs	1
Standard Features and Options	2
Specifications Digital Displays	3
Specifications Material	3
Modullex Digital Sign Assortment	4
Digital Sign Drawings	4
Wiring Details	4
Mounting Details	5
Service and Maintenance	5
Modullex Contact Info	6

## General Information

Modullex Digital Signs is a range of unique dynamic signs with beautiful designs made by our internal designers to make sure it lives up to the design standards of Modullex's other products.

Also the mechanical construction of the Modullex Digital Sign products has been thought out in respect of installation and service. All products of course live up to the RoHS directive and are tested for Electromagnetic shielding (EMS). The Modullex Digital Sign products are also tested for temperature properties to achieve long lifetime on the products. All products are able to run 24/7/365, but lifetime can be extended by lowering the number of running hours each day.

All Digital Signs are developed as generic digital signs based on CPU platforms which make it possible to install the most common Operating Systems (OS) such as Windows, Android and Linux. The CPU is powerful enough to handle rich media like Flash and videos.

## 7" Modullex Digital Signs

Measurements and possible panel configurations will appear from the following pages. Mechanically, the signs have an outer cabinet and an inner digital display unit that for service purposes is a big advantage.

## Materials

Modulex Digital Display outer cabinet housing is a thin steel plate with an aluminium front panel. The front panel can be an ADA panel with raised letters and braille or a graphic panel. The front panels can be delivered in any custom colour

## Touch

All Modulex Digital Signs can be delivered with a capacitive touch feature.

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All Modulex Digital Signs can be delivered with a capacitive touch feature. The front is then a hardened glass in an aluminium frame.

## Logistics

Modulex Digital Signs are produced in Billund  
Modulex Digital Signs are produced in Billund and ordered as a complete product including the necessary power unit for the wanted power method.

## Interface to other programs

Modulex Digital Signs can be integrated to most calendar and booking systems like e.g. MS Outlook, Lotus Notes, Opera, Google Calendar etc. so the meetings will automatically be shown on the display.

## Specifications

The following pages include mechanical and material specifications for 7" Modulex Digital Signs.

## Size specification

Throughout this document are measurements given in both millimetres and inches. The metric measurements are exact whereas the English standard is calculated and therefore shown in brackets: 25.4 [1.00].

## Standard Features and Options

### Typical use

- Meeting room sign
- Class room sign
- Auditorium
- Activity rooms
- Activity areas

### Benefits

- Unique design
- High quality
- Easy to install
- Built to run 24/7/365

### Outer Cabinet

- Back part made of laser cut and bent steel plate painted black
- Front panel in 2 mm painted aluminium

### Graphical methods the front panel

- Vinyl graphics
- Print on vinyl
- Print on Panel
- Tactile lettering and braille

### Delivery time

- Standard delivery time on Modulex Digital Signs

### Warranty

- 2-year production warranty on all mechanical parts delivered by Modulex.

<b>7" Digital Display</b>	
CPU	1,2 Ghz Rockchip
System memory	1 GB
Storage	4 GB flash
Power	5.0 V DC – 2.0A power supply
Network	WiFi 802.11 B/G/N
USB	Micro USB 2.0
Display panel	7" TFT
Resolution	800 x 480 pixels
Display area	86 x 154 mm [3.39" x 6.06"]
Touch feature	Capacitive dual touch
Operating System	Android 4.1
Environment	Modulex Digital Signs are suited for normal indoor conditions (25 degrees Celsius, humidity < 90RH).
Weights	
7" Digital Display	0,472 kg [1.04 lbs.]
Power Supply	0,088 kg [0.19 lbs.]
Approvals	
Display Unit	IEC 60950-1, CE, 2004/108/EC, complies with part 15 of the FCC rules
Environment	Modulex Digital Signs are suited for normal indoor conditions (25 degrees Celsius, humidity < 90RH).

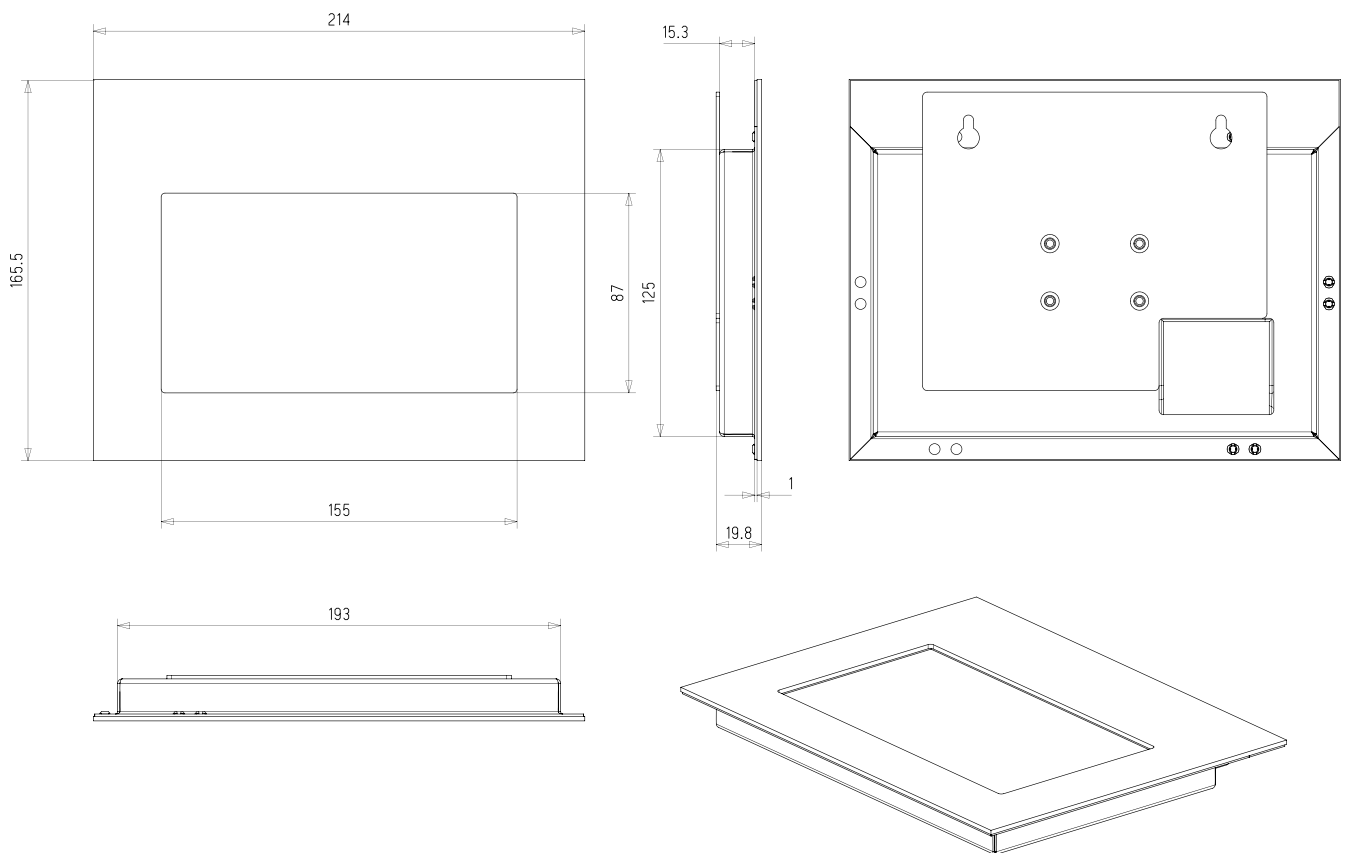
## Specifications Material

Cabinet	1 mm [0.04"] steel plate
Front Panel	2 mm [0.8"] aluminium plate

## 7" Digital Sign

Model	H x W x D (mm)	H x W x D (")
	<b>EU</b>	<b>US</b>
7" Modulex Digital Display with Graphic header - Landscape	165,5 x 214 x 19,8	9.9 x 13 x 1.19
7" Modulex Digital Display with ADA header - Landscape	165,5 x 214 x 19,8	9.9 x 13 x 1.19

## 7" Digital Sign Drawings



## Wiring Details

The power supply is placed outside the sign. The power cable must enter the sign through the hole in the cabinet as shown in the picture above.

The below technical drawings also show:

- Exact position of the inlet holes
- Length of cables measured from point of entrance (cable inlet) to the end of the cable/outlet

### **Power Supply and cable specification**

The Power Supply is delivered with 1.8 m cable. The temperature of the surroundings must not exceed 40 degrees Celsius and the heat dissipation conditions must not be bad.

## Mounting Details

The power cable must be pulled into the sign before fixing the sign to the wall.

Guideline for mounting height: Place top of display 1700 mm [66.9"] above the floor.

## Service and Maintenance

### **Dismounting**

The front panel is removed by pulling it perpendicular to the display surface.

### **Cleaning**

When necessary the construction must be dismantled and cleaned with a vacuum cleaner.

Painted surfaces: Use a soft cloth moistened with a mild window detergent.

Displays (polarizers): Use absorbent cotton or a soft cloth.

The desirable cleaners are water, IPA (Isopropyl Alcohol) or Hexane.

Do not use Ketone type materials (e.g. Acetone), Ethyl alcohol, Toluene, Ethyl acid or Methyl chloride. It might cause permanent damage to the polarizer due to chemical reactions.

Distribuidor Modulex

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