

## MSP01

### High quality multimedia display with smart functionality.

Datasheet V2



We've recognised that ease of install is key when it comes to displays installation. Less is more when it comes to wires and the MSP can then be updated easily and remotely\*. The MSP is a product within the Avire Ecosystem.

Connect the MSP within the Ecosystem daisy-chain of Avire's products and instantly upgrade your lifts with quality displays. Once connected, Avire's fantastic cloud-based Drag & Drop layout designer brings content right to your displays and can be easily maintained by the building's management. RSS feeds, Weather, pictures, video and much more available at a touch of a button.

For remote connection a DCP will need to be installed. Find out more about the DCP and the possibilities it offers for your lifts by following the QR code.



The MSP is perfect for all installations as it brings stunning quality, in a range of sizes, along with content flexibility and remote connectivity.

Energy saving features like screen brightness dimming effects, LED backlit technology and a screen power scheduler pave the way to a generation of thoughtful technology.

The MSP is not limited to elevators and can be used to display content in a variety of settings such as lobbies, hallways and entrance foyers.

### Key Features

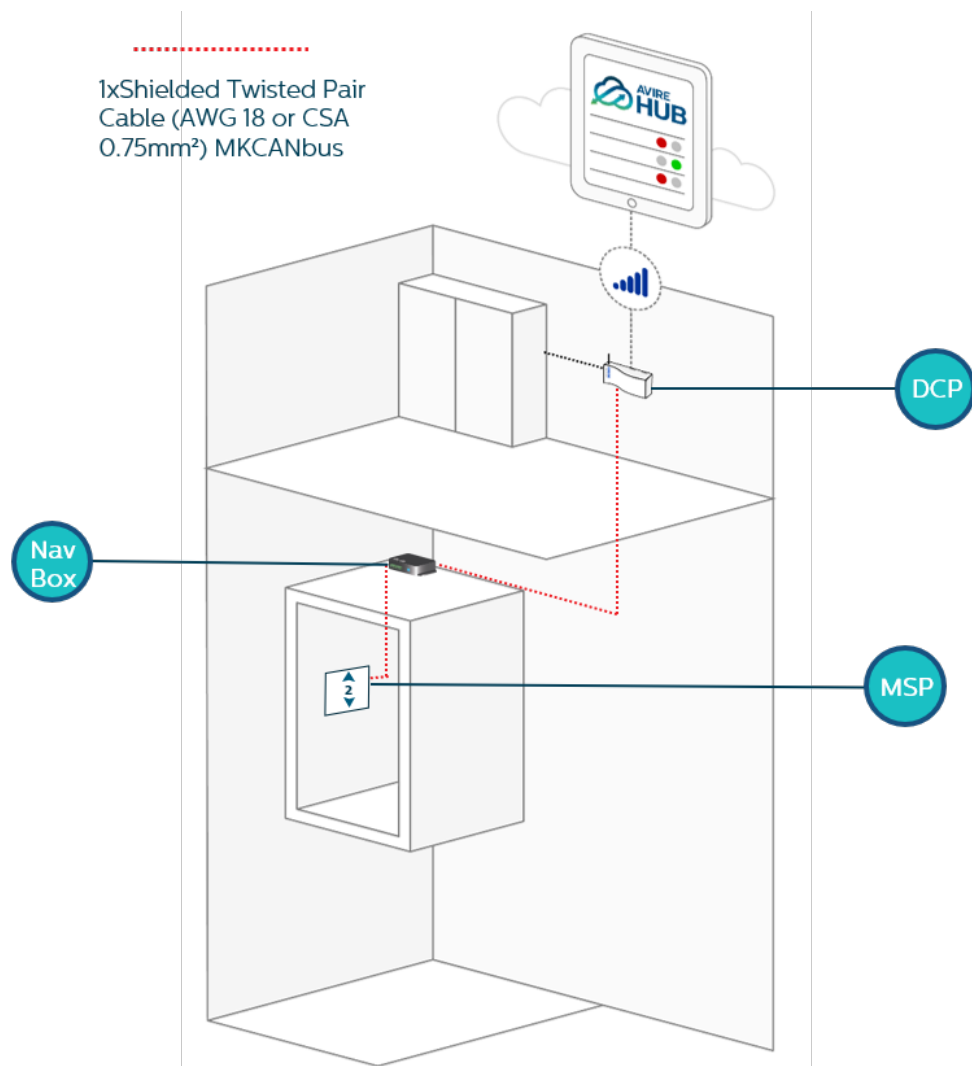
- + Avire Ecosystem Enabled
- + Quick installation
- + RSS feeds
- + Weather
- + Energy saving and eco-friendly with LED backlight technology and screen power management
- + Landscape and portrait mode
- + Configurable via USB and MKCANbus networks
- + Configurable via the Drag and Drop Layout Designer
- + 1080p Full HD



## Example Screen Layouts



## System Architecture



# Technical Specification

SCREEN SIZE	10.4"	12.1"	15.0"	15.6"	18.5"	19.0"	21.5"
<b>Model No.</b>	MSP01-104	MSP01-121	MSP01-150	OF-156	OF-185	OF-190	OF-215
<b>DISPLAY</b>							
<b>LCD Display Type</b>	Thin Film Transistor (TFT)						
<b>Colour Depth</b>	True Colour (24-bit colour)						
<b>Resolution</b>	1024 x 768	800 x 600	1024 x 768	1920 x 1080	1920 x 1080	1280 x 1024	1920 x 1080
<b>Aspect Ratio</b>	4:3	4:3	4:3	16:9	16:9	5:4	16:9
<b>Viewing Area (W x H) (mm)</b>	211 x 158	246 x 185	304 x 228	344 x 194	409 x 230	376 x 301	477 x 268
<b>Horizontal Viewing Angle (°)</b>	+88/-88	+89/-89	+85/-85	+89/-89	+89/-89	+85/-85	+89/-89
<b>Vertical Viewing Angle (°)</b>	+88/-88	+89/-89	+85/-85	+89/-89	+89/-89	+80/-80	+89/-89
<b>Luminance</b>	400	400	400	400	350	350	300
<b>Contrast Ratio</b>	700:1	700:1	1500:1	800:1	1000:1	1000:1	5000:1
<b>ELECTRICAL &amp; ENVIRONMENTAL</b>							
<b>Operating Voltage (VDC)</b>				12 <sup>1</sup>			
<b>Typical Current Consumption (A)</b>	1.0	1.17	1.25	1.25	1.25	1.25	1.25
<b>Typical Power Consumption (W)</b>	12	14	15	10	10	10	10
<b>Operating Temperature (°C)</b>	0 - 50						
<b>MECHANICAL</b>							
<b>Mounting options</b>	Flush Mount, Surface Mount <sup>2</sup>						
	280x235x38	290x240x38	357x289x36	202x143x23	202x143x23	202x143x23	202x143x23
<b>Overall Dimensions<sup>4</sup> (W x H x D mm)</b>	Main Screen <sup>3</sup>			Central Processing Unit (CPU)			
	280x235x30	290x240x30	357x289x30	398x222x38	494x270x40	435x380x40	527x338x40
	Auxillary Screen <sup>3</sup> , if required			Auxillary Screen <sup>3</sup>			
<b>COMMUNICATION &amp; I/O INTERFACES</b>							
<b>Signal Interface</b>	MKCANbus <sup>5</sup>						
<b>Network Interface</b>	DCP / Ethernet						
<b>I/O Interface</b>	DC-In, HDMI, USB, Audio-Out						

<sup>1</sup> AC/DC switching power supply is included as standard.

<sup>2</sup> Additional fixture is required for surface mount.

<sup>3</sup> The Main Screen is a low voltage device operating at 12VDC through a separated AC/DC switching power supply (IEC60950-1 compliance). The Open Frame operates at 12VDC through a separated AC/DC switching power supply (IEC60950-1 compliance). Both power supplies are included in the scope of supply.

<sup>4</sup> For 10.4", 12.1" and 15" screens, a main screen is required. For screen sizes above 15", a CPU and Auxillary screen is required.

<sup>5</sup> Floor position/direction can be gained using Avire's Navigation box linked onto the MKCANbus.

# Ordering Information

Part No.	MSP Multimedia Product Description	Part No.	MSP Open Frame Product Description
MSP01-000-0-60-900	MSP Multimedia Main Module	OF-104-913	Open Frame 10.4"
MSP01-104-1-60-900	MSP Multimedia 10.4"	OF-121-913	Open Frame 12.1"
MSP01-121-1-60-900	MSP Multimedia 12.1"	OF-150-913	Open Frame 15"
MSP01-150-1-60-900	MSP Multimedia 15"	OF-156-913	Open Frame 15.6" <sup>3</sup>
		OF-185-913	Open Frame 18.5" <sup>3</sup>
		OF-190-913	Open Frame 19" <sup>3</sup>
		OF-215-913	Open Frame 21.5" <sup>3</sup>

Note 1: Each MSP Multimedia product includes switching PSU and 16ohm speakers

Note 2: Each MSP Open Frame product includes switching PSU and 5m HDMI cable

Note 3: Will also require MSP Multimedia Main Module (sold seperately)

Part No.	Lens Description
134-P-A-951	6mm Polycarbonate Lens, 10.4"
134-P-A-954	6mm Polycarbonate Lens, 12.1"
134-P-A-B16	6mm Polycarbonate Lens, 15"
134-P-A-B92	6mm Polycarbonate Lens, 15.6"
134-P-A-B93	6mm Polycarbonate Lens, 18.5"
134-P-A-B23	6mm Polycarbonate Lens, 19"
134-P-A-B19	6mm Polycarbonate Lens, 21.5"

## Accessories Available

ACC-VS1-002	Video Splitter, 2-Port, HDMI
133-C-0-0308	HDMI Cable, 5m
133-C-1-0229	USB Extension Cable, 5m
AC-NAV02-M0-900	Navigation Box
MC-2CD00-100-F-20-000	Digital Communications Platform 2G/RS-232
SOFTWARE-CD	MSP Software

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