



EMBEDDED
LIFT DISPLAY



PIXEL
TECHNOLOGIES

The OPAL lift display range offers a reliable media screen in a variation of sizes.



OPAL

OPAL
HD

OPAL FEATURES



Dynamic Media



Weather/ Date and Time



Pixel Sync Cloud Media



USB compatible



HDMI Dual Display output



Background music Voice announcement



Multi Lingual



Image Slideshow



Landscape or Portrait



Direction Arrows



PI Floor Indicators



Auto Sleep Mode



Tenant Text and Logo



Windows Programmable



Face to Face Intercom



Lift Status Messages



Image Background



LAN Connection

The OPAL range provides an embedded colorful and informative Industrial grade elevator display incorporating the promotion of tenants, building information, events, news, advertising, and communication.

The OPAL software allows for seamless design layout configuration and updates of the displays content via USB or LAN directly connected from a pixel network or by a remote wireless / internet connection from a connected wifi router.

Audio & voice annunciation

Lift Position Indicator

Static/Animated Arrows

Time & Date

Voice Feedback

(Vision Impaired)

Next Stop Information



Weather

Dynamic Media

Static Image

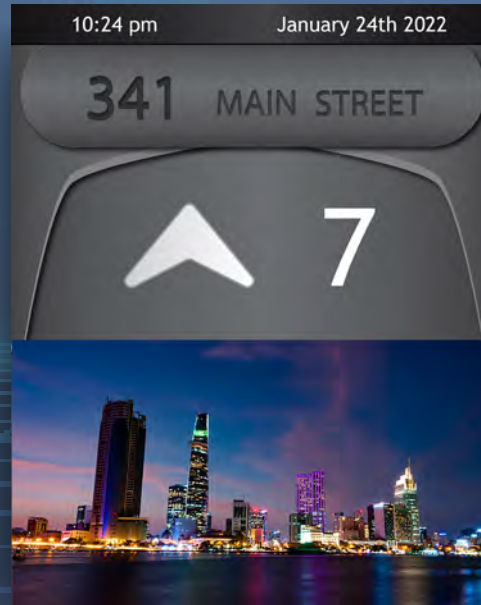
Video Playback

Pixel Sync Media

Tenant Information

FEATURES

Logo and Address



Portrait or Landscape options

Technical DATA:

Supported Media:

FTP Grab & Play

HLS Live Streaming

.Mp4, .Jpeg, file formats

oOh!media Direct Connect

DYNAMIC MEDIA



Video playback, image slideshows and dynamic media options all offer opportunities to promote business, advertising and building information.

With seamless integration into 3rd part content via streaming options over HLS or oOh!media direct connect.

ooh![®]
unmissable



CLOUD MEDIA SYNC



The OPAL display range now offer an easy solution to manage and update your media directly from the cloud.

Using a cloud storage provider such as Google Drive, Microsoft One Drive or Dropbox, you can transfer media directly to the OPAL screen simply by adding or removing media from the hosted group folders, from anywhere in the world via the internet or even from your mobile phone.

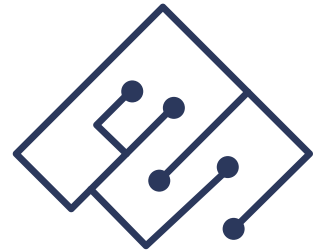


Technical DATA:

Output Protocols: Serial Pixel DataBus, Ethernet
Pixel DataBus Length 400m, maximum of 128 nodes



LIFT CONNECTION & INTEGRATION

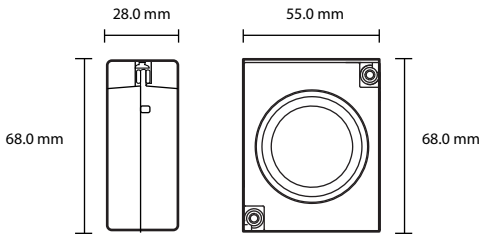


With multiple connection options to the lift, whether it be direct through a high level protocol or through one of our lift encoder cards, the OPAL displays software has been designed specifically from the ground up for the Lift industry.

INTEGRATED AUDIO & MULTILINGUAL OPTIONS



Our Opal Display offers built in Audio functionality for your elevators Voice announcement. Ensuring both compliance and functionality of your elevators audio needs.



8 Ohm 2W Multimedia
Speaker Provided with 1.5m lead

Technical Data:

Speaker Amplifier 1.3W @ 8 Ohms

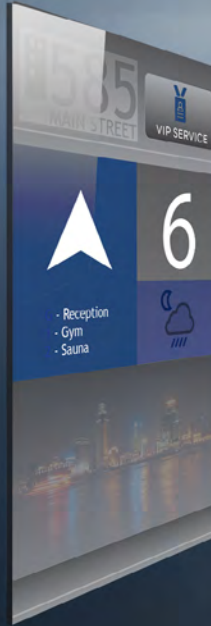
Speaker Dimensions : (WxDxH) 55mm x 28mm x 68mm

.mp3 audio file format

emFONE Face2Face integration



'Stopping at Level 6'



• **Technical DATA:**

Software Server:

Windows compatible Pixel Programmer Tool X9 software.

USB interface, Ethernet 100BASE-T (100Mbps). LAN over 2

Wire trailer cable support.



CUSTOMISE LAYOUT



LAN



USB



SOFTWARE AND CONNECTIVITY



The user friendly software allows for seamless design layout configuration and updates of the displays content via USB or LAN directly connected from a pixel network or by a remote wireless / internet connection from a connected wifi router.

Giving you complete control over the content on your display screens at any time - update tenant listings, building notices, advertising / media content and more, all with ease.

HARDWARE AND DESIGN

With the new retrofit industrial design the OPAL Australian manufactured motherboard and enclosure comes together to offer the ideal elevator display, offering proven long term reliability, service and support.



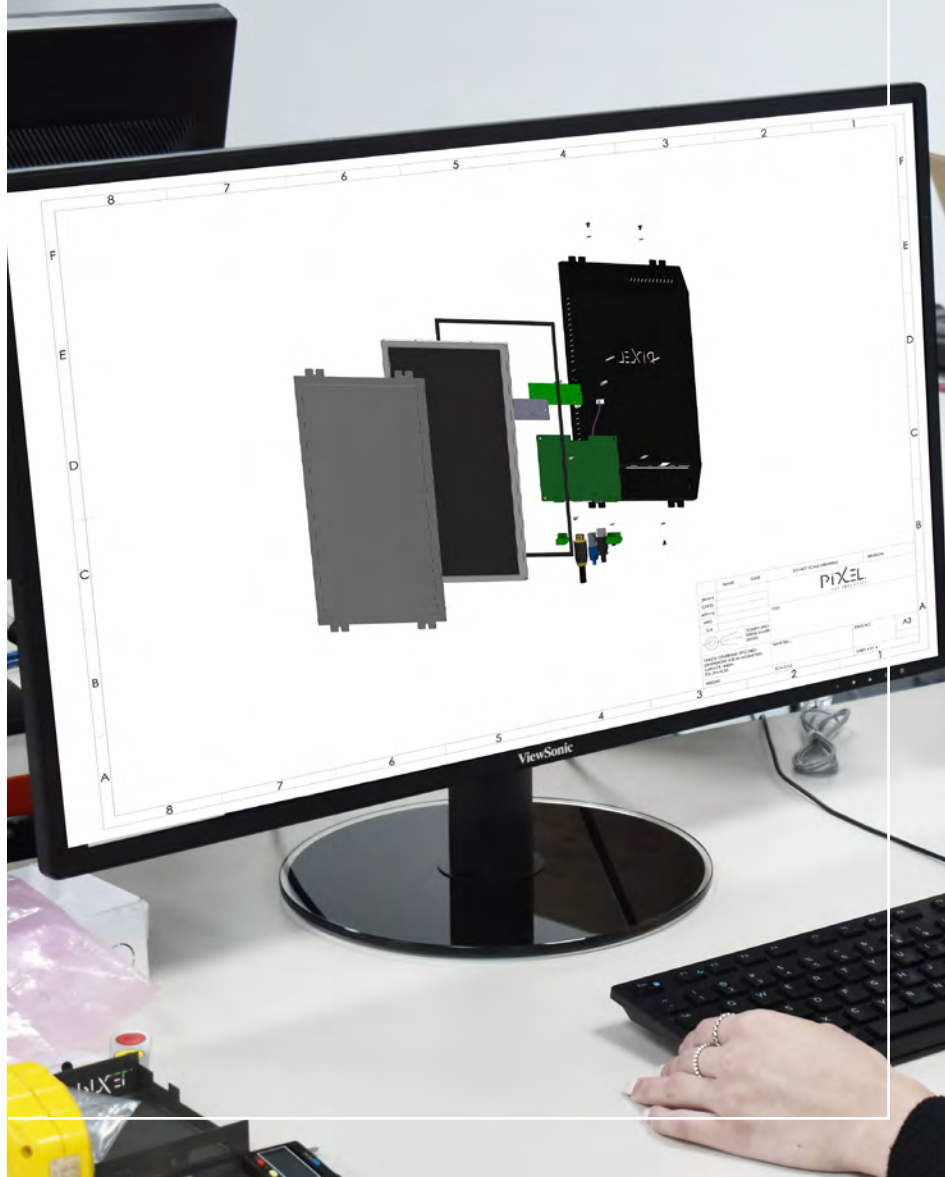
Technical Data:

LCD Display Type : LED LCD

Viewing Area: WxH (mm) 161x214 (10.4"), 231x306 (15")

Dimensions (HxWxD) - 10.4" : 179x285x30 mm

18.5" : 242x355.5x30 mm

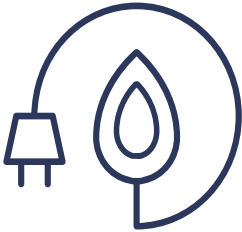


Technical Data:

Auto Sleep : Programmable 0 = disabled, 1 – 999 minutes

Standby mode power consumption: 0.3A (7W)

AUTO SLEEP DETECTION



The OPAL Display can be programmed to automatically detect lift inactivity and turn off the display backlight to save power for when the lift is not in use.

The display will instantly come back to life when the doors open or lift moves.



TECHNICAL SPECIFICATIONS



Screen size	10.4"	12.1"	15"	19"	15.6"HD	18.5"HD	21.5"HD
LCD Display Type	LED LCD	LED LCD	LED LCD	LED LCD	LED LCD	LED LCD	LED LCD
Colour Depth	24 Bit	24 Bit	24 Bit	24 Bit	24 Bit	24 Bit	24 Bit
Resolution	1024x768px	800x600px	1024x768px	1280x1024px	1920x1080px	1920x1080px	1920x1080px
Aspect Ratio	4:3	4:3	4:3	4:3	16:9	16:9	16:9
Viewing Area	161x214mm	188x249mm	231x306mm	305x380mm	193x344mm	230x409mm	268x476mm
Viewing Angle	+89/-89	+89/-89	+89/-89	+89/-89	+89/-89	+89/-89	+89/-89
Operating Voltage	24V (DC)	24V (DC)	24V (DC)	24V (DC)	24V (DC)	24V (DC)	24V (DC)
Current Consumption	0.4	0.6	0.6	1.3	0.8	0.9	0.9
Dimensions (WxHxD)	179x285x 30 mm	220x270.5x 38.5 mm	242x355.5x 30 mm	340x412x 40.5 mm	219x388x 27.4 mm	257.4x454.5x 32.6 mm	295x520x 37 mm
Lift Interface	PIXEL 4-WIRE SERIAL/ PIXEL LAN	PIXEL 4-WIRE SERIAL/ PIXEL LAN	PIXEL 4-WIRE SERIAL/ PIXEL LAN	PIXEL 4-WIRE SERIAL/ PIXEL LAN	PIXEL 4-WIRE SERIAL/ PIXEL LAN	PIXEL 4-WIRE SERIAL/ PIXEL LAN	PIXEL 4-WIRE SERIAL/ PIXEL LAN
Programming Interface	LAN / USB	LAN / USB	LAN / USB	LAN / USB	LAN / USB	LAN / USB	LAN / USB
Touch Interface*	Built In	Built In	Built In	Built In	Built In	Built In	Built In

* Touch screen options available



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