OPAL

EMBEDDED LIFT DISPLAY

PiXEL.
TECHNOLOGIES

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

OPAL

OPAL

OPAL FEATURES

Dynamic Media	Weather/ Date and Time	Pixel Sync Cloud Media
USB compatible	HDMI Dual Display output	Background music Voice annunciation
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 embeded 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

Weather

Dynamic Media

Static Image

Video Playback

Pixel Sync Media

Lift Position Indicator

Static/Animated Arrows

Tenant Information

FEATURES

Time & Date

Logo and Address

Voice Feedback

(Vision Impaired)

Next Stop Information

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.

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.

16:9 Media

9:16 Media

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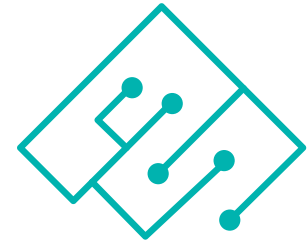
With multiple connection options to the lift, whether it be direct through a high level protocol or through one of our lift encoder cards, the OPAL displays software has been designed specifically from the ground up for the Lift industry.

INTEGRATED AUDIO & VIDEO

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

28.0 mm

55.0 mm

68.0 mm

68.0 mm
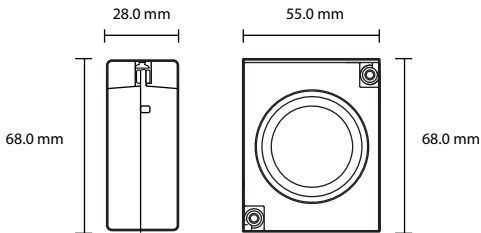
8 Ohm 2W Multimedia Speaker Provided with 1.5m lead

'Stopping at Level 6'
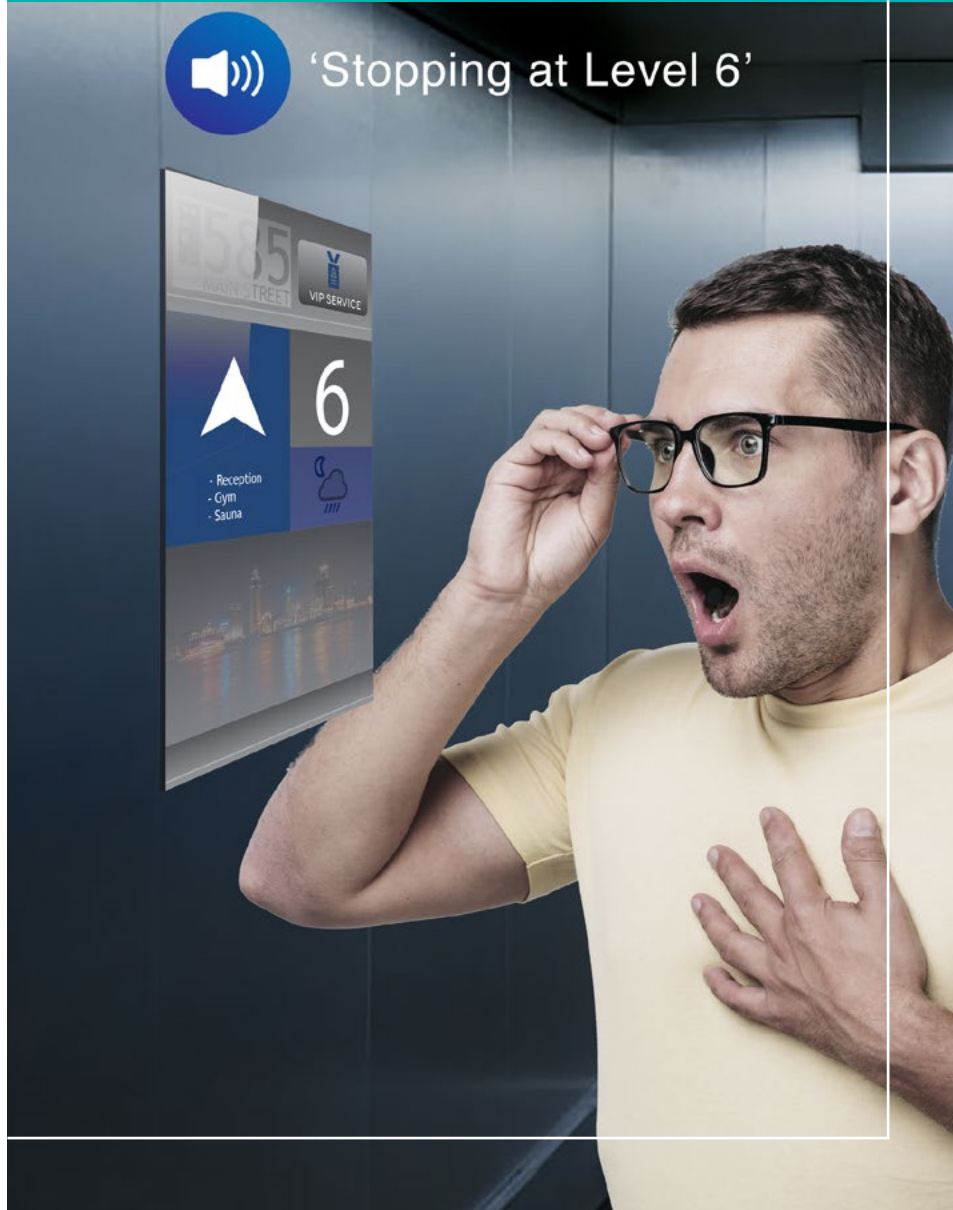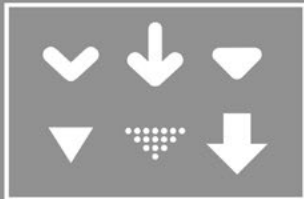
Technical DATA:

Software Server:
Windows compatible Pixel Programmer Tool X9 software.
USB interface, Ethernet 100BASE-T (100Mbps). LAN over 2
Wire trailer cable support.

CUSTOMISE LAYOUT

SELECT

LAN

USB

11:10 AM

Tuesday
02 February
2021

G

Ground Floor
Main Reception

16°C
Torrential Rain Shower
↑25°C ↓11°C

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 its new retrofit industrial design the OPAL Australian manufactured motherboard and enclosure comes together to offer the ideal lift display, offering proven long term reliability - service and support.
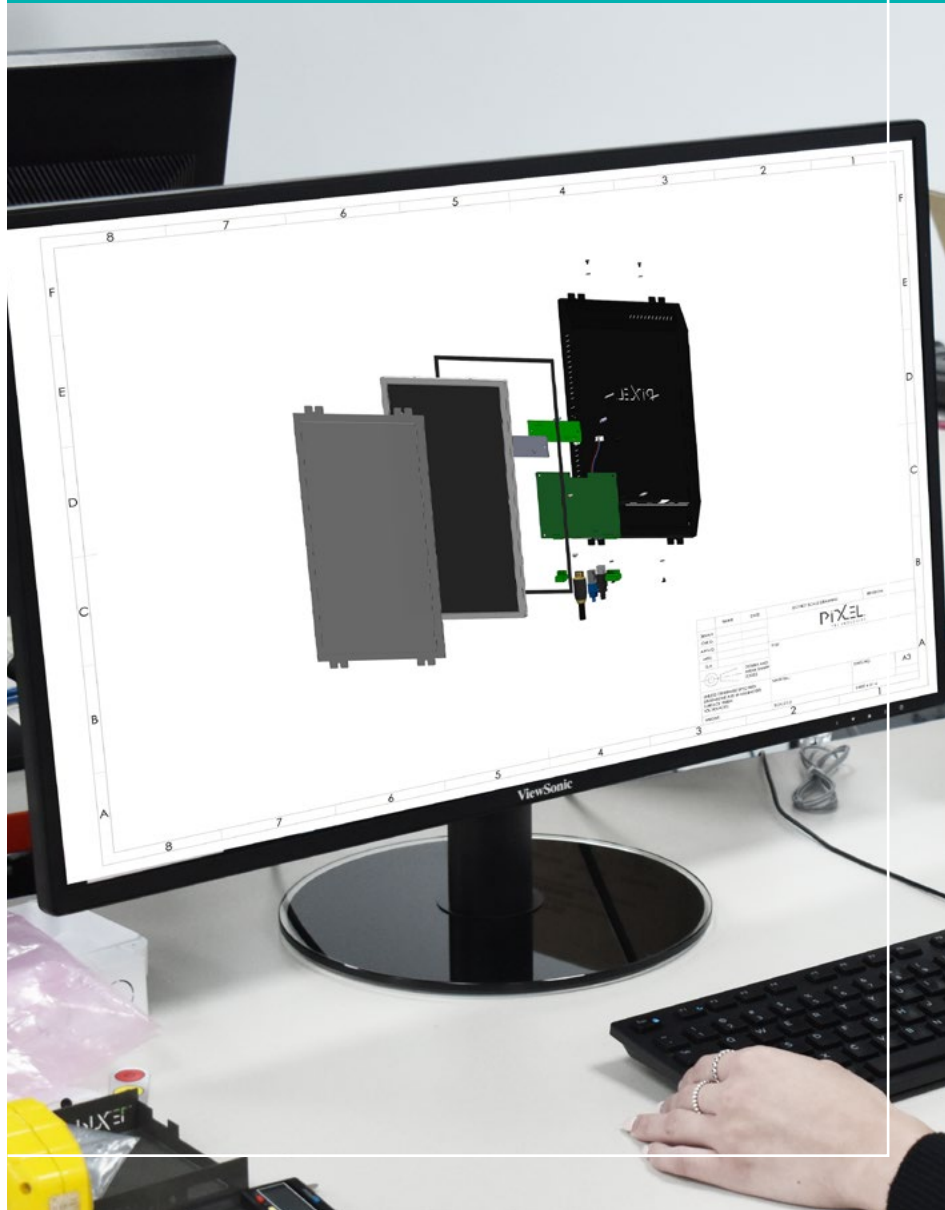
AUTO SLEEP DETECTION
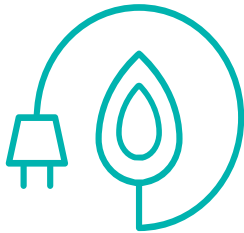
The OPAL Display can be programmed to automatically detect lift inactivity and turn off the display backlight to save power for when the lift is not in use.

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

TECHNICAL SPECIFICATIONS

OPAL HD

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)	192x251x 36.5 mm	220x270.5x 38.5 mm	267x346.5x 37.2 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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