PIXEL TECHNOLOGIES

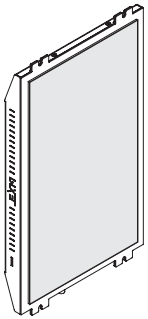
pyxis DISPLAY

Elevator Display

User Guide

Rev: 1.0.2532.0

Description



Pyxis is a cutting-edge elevator display, available in stunning HD screen size variants, designed to transform the way passengers experience elevator travel. With crisp visuals and real-time updates, Pyxis delivers elevator information and multimedia content with clarity, style, and impact. Powered by Pixels' eLiioT Cloud portal, Pyxis offers seamless remote management, instant content updates, and flexible configuration all from a centralized, user-friendly interface. Whether you're showcasing floor positioning, tenant info, or dynamic media, Pyxis brings your elevator to life.

Key Features:

- Elevator Info - Floors, Arrows & Messages
- Lobby Screen Multi-Elevator Info Display
- Multi-Lingual Voice Annunciation
- Tenant Information with Text & Images
- Static Images & Text
- Static & Animated Arrows
- Slideshow with Transition Effects
- Video Playback
- Live Video Streaming
- Date & Time
- Background Image or Color Selection
- Custom TrueType Font Support
- Energy Saving Auto Sleep & Wake-Up
- HD Display with Brightness Control
- eLiioT Cloud Device Management
- eLiioT Cloud Pyxis Display Editor
- Portrait & Landscape Mounting
- OTA Software Updates
- Cloudless Operation

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Getting Started

To begin using your Pyxis Elevator Display and connect it to Pixel's eLiioT Cloud Portal for remote management and programming, follow the steps below.

Refer to the Connection Overview Diagram

See the back page of this guide for a connection overview and depending on your elevator install requirements, refer to the Pyxis Typical Network Overview diagram to understand the recommended network & elevator encoder configuration.

Ensure Internet Connectivity

Make sure the network the Pyxis display is connected to has internet access. This can be achieved via:

- Project supplied 4G Router - internet access via on premises WAN, Wi-Fi or an installed 4G data sim.
- An existing on-premises network with internet connectivity.

Create or Log In to Your eLiioT Account

Visit the eLiioT Cloud portal at **portal.eliiot.com.au** to create a new user account or log in to your existing one:

Once your display is online, all programming and management is performed via the eLiioT Cloud portal. For detailed configuration and setup instructions, please refer to the additional How-To documents via the QR code below.

SCAN ME

To access the Pyxis online product documentation page

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Specifications

Operating Voltage	20 - 24V DC
Power Consumption	15.6" - 0.8A(19W), 18.5"/21.5" - 0.9A(22W)
Display Type	24-bit color LCD with LED Backlight
Display Resolution	1920 x 1080 (Full HD), 16:9 aspect ratio
Display Viewing Angle	+89 / -89 (Horizontal/Vertical)
Viewing Area WxH(mm)	193x344(15.6"), 230x409(18.5"), 268x476(21.5")
Input Protocols	Pixel Ethernet & DataBus Mode 2, 3
Pixel DataBus Length	Up to 64 nodes & 400m (max)
Ethernet	10/100/1000M
Status Indication	Status (RGB LED), Ethernet Link/Act
Speaker Amplifier	2W @ 8 Ohms
Dimensions (mm)	PX-156 388(H) x 219(W) x 28(D)
	PX-185 457(H) x 257.5(W) x 33(D)
	PX-215 520(H) x 295(W) x 37(D)
Operating Temp/Humidity	0 - 50°C, 90% max RH, non-condensing

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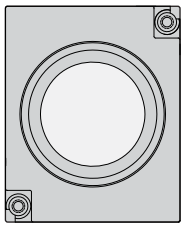
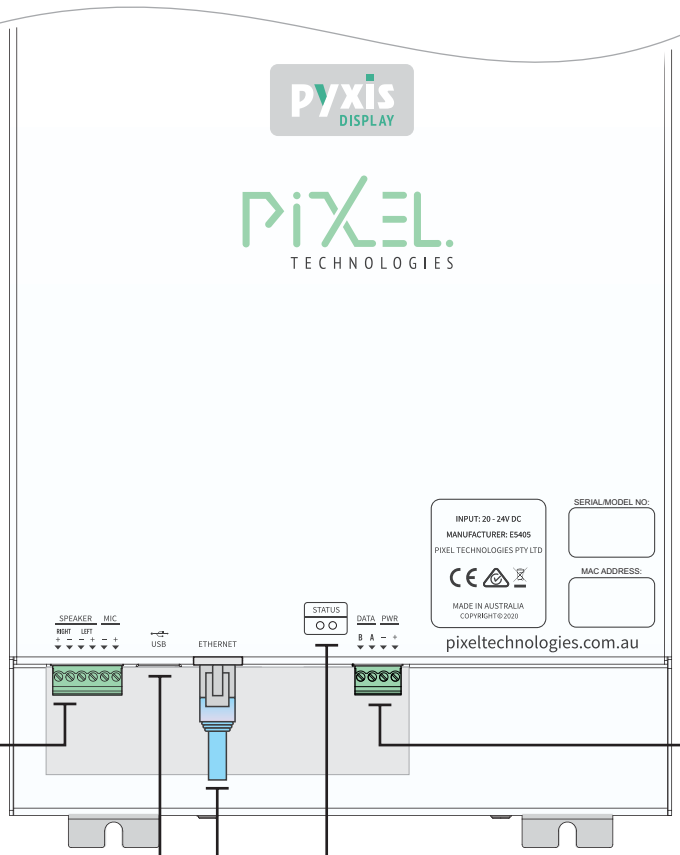


8 Ohm 2W Multimedia
Speaker with 1.5m lead



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Speaker Output

8 Ohm, 2W Multimedia Speaker

Input Power & Pixel DataBus

USB Port

Reserved for future use

Ethernet

Network Connectivity
Device Management, Content Updates and Elevator Encoder interface

LED Indication

LED Color	Status	Description
Red	Pulsed	System Running

24V DC Input Power

Ensure COP EARTH is tied to 0V (-) common at the 24V PSU.

Elevator Information via Encoder

A Pixel Elevator Encoder module, either Ethernet-enabled or Pixel DataBus-enabled provides lift information to connected displays.

When using Pixel Ethernet to communicate Elevator Info to your Pyxis display leave the Pixel DataBus (A & B) unconnected.

For detailed guidance on connecting your encoder module, refer to the Pyxis Typical Network Overview diagram specific to your elevator encoder.

RESPONSIBLE SUPPLIER NUMBER: E5405

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Pyxis Elevator Display	Date:	06-08-25
Connection Overview Diagram		
Designed By: D.H	Revision: 1.0.2532.0	Sheet: 1/1