

Multimedia LCD for Elevators Displays or Building Lobby Displays

The LCD shall be 10.4", 12.1", 15", 15.6", 18.5", 19", 21.5" (*delete where necessary*) or its equivalent with applications allowing:

- Capability of communicating with elevator controllers and displaying elevator operation status and information including
 - Floor and travel direction of the elevator
 - Elevator status messages (Maintenance, Overload)
 - Customised messages (Call Activated, Call in Progress)
 - Floor directory messages or flipping pictures
- Capable of working independently without the lift controller to show:
 - Floor and travel direction of the elevator
 - Customized messages (Call Activated, Call in Progress)
- Date and time indication
- Live streaming or recorded corporate video and audio
- Mpeg1/2/4 playback support
- Building Information or tenant advertising content
- RSS feeds for news, weather forecast or temperature

The LCD shall be a TFT screen with wide viewing angle of 170°. The contrast ratio shall be at a ratio of at least 700:1 for a clear and bright projection. It shall also provide long lasting and reliable backlight functionality with at least 50,000 hours lifespan. Apart from that, the LCD shall be equipped with power saving feature, allowing the backlit light to be turned off when the elevator is at idling mode. The LCD shall also be provided with a clear polycarbonate which is durable and has good heat resistance.

The LCD shall have the ability to allow updating of content/files as below:

- Locally via USB
- Remotely via network configuration over the following selection(s) of communication technology
 - Ethernet
 - Optical
 - CANbus via GSM device
 - VDSL (very high-speed Digital Subscriber Line 2)

Screen layout configuration software shall be provided (either cloud based or saved locally) to offer capability in content management by the building owner for the following elements:

- Type and location of directional 2D/3D arrows (at 40mm height to comply accessibility codes)
- Fonts, colour, location of floor numbers (at 30mm height to comply accessibility codes)
- Content and location of status, customized and floor directory messages
- Ability to schedule content that will be shown on the display
- Date/time and the synchronization option
- Specify and transfer pictures and video files to play

Appropriate training with comprehensive training material to use the LCD system shall be provided if needed.