

ROYAL DISPLAY

Color Multimedia Elevator LCD Displays(TFT)



The multimedia LCD shows corporate video (films,DVD,TV and AV),advertising contents or promote special events.it can also incorporate a live information or the latest news within any building,the screen is colorful,clear and smooth,Available in a range of sizes from 7 inch to 19 inch,

I. Displaying Area on LCD: Six areas by default :

- 1.Floor position display area:Directional Arrows and Floor Text:
- 2.Date and Time Area:Date Text,Weekday Text and Time Text
3. Image(Video) Display Area
4. Elevator Status or Alarm Information Area
5. Scrolling Information Broadcasting Area
6. Greeting Message and Logo Area

II.Elevator Information Display:

1. Multimedia Display(Video Display)

1) Memory-based replay:play multimedia files in below formats:MPEG1, VCD, MPEG2, DVD, MP3,JPG or others.

2) AV real-time capture and display: Real-time capture and broadcast AV video signals from sources like TVS,VCD,DVD.

3) Streaming-media replay: Broadband LAN would be built among a group of elevators with central server on management site. It can dynamically display in H264 format (format information: dynamic video, stock information, weather forecast, web news and other information.)

2. Elevator Running Information Display

Display real-time information of floor position and direction.

3. Elevator Status or Alarm Information Display

Display elevator status information: "Overload", "Fire alarm", "Maintenance", "Full", "Earthquake" or others.

4. Image Display

Display 128 pictures or more images circularly. It could be used for property image propaganda or advertisement promotion to obtain potential business opportunity.

5. Scrolling Information Display

Property administrators could broadcast scrolling messages to elevator passengers, including weather forecast, news, public notice and stock market index and so on. Administrators can freely select the elevators for broadcasting and set starting and ending time of broadcasting.

6. Logo, Time and Greeting Information Display

Display customer logo and greeting message; display date, time and week, etc.

III. Edition Software: Contents displayed on LCD are edited on simple LM_LCD_editor

IV. Contents Updating on LCD

- 1) With the support of RS485 or Ethernet network,
- 2) With USB memory, download the updated contents from the edition software and then upload to LCD.

V. Product Characteristics:

1. Apply industrial-grade drives and industrial-grade TFT LCD,
2. Advanced, reliable and stable software system,
3. LCD display dedicated images and message when elevator approach certain floor (set by editor),
4. The multimedia LCD display is integrated with the driver of floor indicating light and the driver of voice reminding, so no need to find drivers to match the indicating light and voice specially.
5. Power-Saving Function: When elevator stops running for a long time (no up or down signal), the display screen will turn off backlight automatically to save energy and extend usage life of the backlight.

6. The R&D team are able to realize more functions under your requests!

VI. LCD Installation and Display Layouts:

4 angles of installation: 0°, 90°, 180°, 270° and 4 basic display layouts as below, but certainly more and customized LCD display layouts are able to be designed according to actual requests.

- 1) Floor position display area on left side
- 2) Floor position display area on right side
- 3) Floor position display area on top side
- 4) Floor position display area on bottom side



Related Tech Spec

Model	LM-V-7	LM-V-8.4	LM-V-10.4	LM-V-12.1	LM-V-15	LM-V-17	LM-V-19
LCD(inch)	7	8.4	10.4	12.1	15	17	19
Resolution(DOT)	800*480	640*480	640*480	800*600	1024*768	1024*768	1280*768
Horizontal View Angle	-70~70	-70~70	-70~70	-70~70	-85~85	-85~85	-85~85
Vertical View Angle	-70~60	-70~40	-70~40	-60~50	-85~85	-85~85	-85~85
Brightness	400	350	350	370	350	350	350
Voltage	DC 12V-32V						
Operating Environment	Temperature: -10~50℃ Humidity: 10%~90%RH						
Signal Interface	Parallel Signal: Binary, BCD, Gray, Etc. Serial Signal: RS-485 / CAN BUS Available: Kone, Mitsubishi, Otis, Step, Hitachi, Fujitec, Etc.						