

# iP2 – Panorama Multimedia Display

## Product Datasheet



- + Video / Audio Streaming
- + Cable or Recorded TV Program
- + Surveillance
- + Weather Forecast and Temperature
- + Market Trading Information
- + Global News
- + Elevator Position Indication
- + 2D/3D Elevator Directional Arrow
- + Elevator Status message
- + Static or Scrolling Announcement & Notice

The iP2 offers a stunning display that ensures any installation will stand out with the opportunity for greater flexibility for screen layouts on the panoramic ultra-wide aspect ratio.

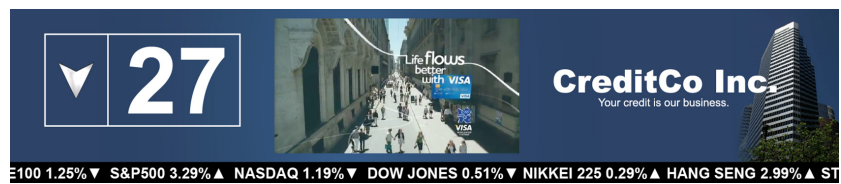
The iP2 True Colour TFT LCD display includes backlit LED technology, and HD multimedia playback. High quality engineering in the iP2 provides the best solution for information, advertisement and entertainment display needs.

The iP2 is not only limited to elevators and can be used in a variety of settings such as lobbies, hallways and entrance foyers.

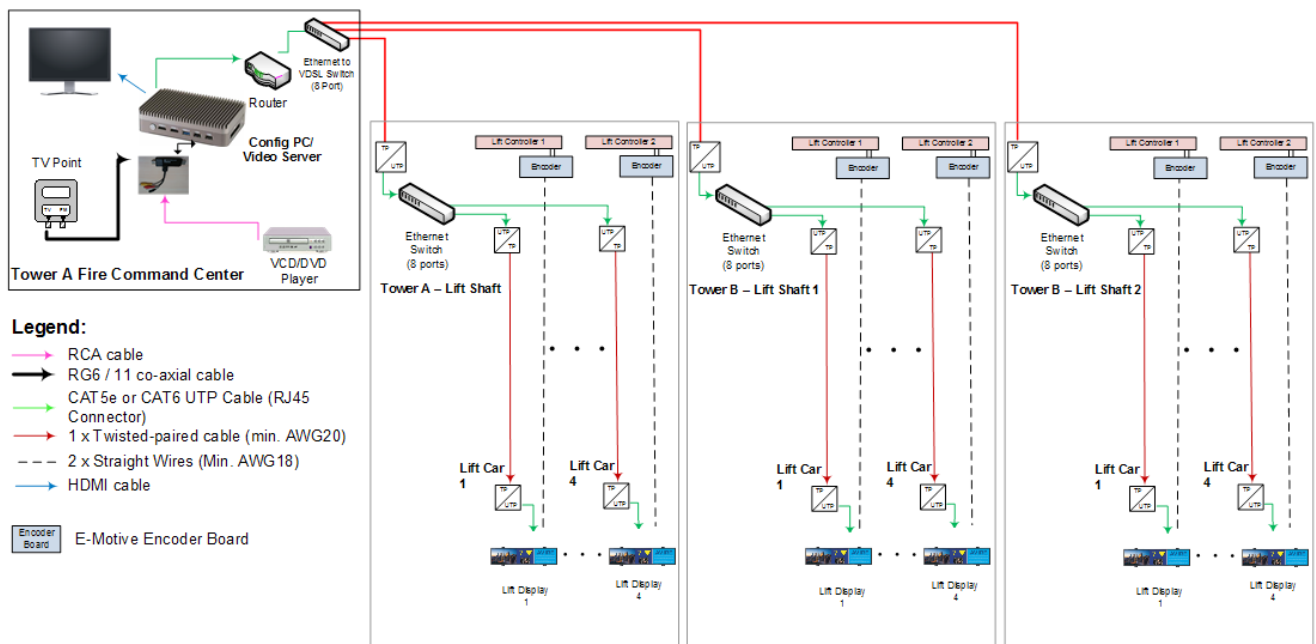
## Key features

- + Customisable Options
- + Ultra-wide screen
- + Adjustable screen brightness
- + Viewing angle of almost 180°
- + Media and lift information integration
- + Configurable via USB and remotely via net work
- + MPEG 1/2/4 video playback

## Example Screen Layouts



## System Architecture



# Technical Specification

## General Specifications

	19"	28"	38"
LCD Type	TFT	TFT	TFT
Colour Depth	True Colour (24-bit)	True Colour (24-bit)	True Colour (24-bit)
View Area (L x H) (mm) <sup>1</sup>	474 x 97	698 x 131	919 x 263
Resolution (X x Y) <sup>1</sup>	1680 x 342	1366 x 256	1920 x 540
Viewing Angle (x axis) (o) <sup>1</sup>	+89/-89	+88/-88	+88/-88
Viewing Angle (y axis) (o) <sup>1</sup>	+89/-89	+88/-88	+88/-88
Contrast Ratio <sup>1</sup>	2000:1	2500:1	4000:1
Luminance <sup>1</sup> (cd/m <sup>2</sup> )	1000	1000	700
Temperature Range (°C) <sup>1</sup>	0 ~ 50	0 ~ 50	0 ~ 50
Humidity Range (%RH)	10 ~ 90	10 ~ 90	10 ~ 90
Backlight MTBF (Hrs) <sup>1</sup>	50,000	50,000	50,000
Overall Dimensions (X x Y x H) (mm) <sup>12</sup>	497 x 165 x 65	741 x 215 x 58	974 x 355 x 55

<sup>1</sup> Specifications subject to change

<sup>2</sup> Specifications of the Auxiliary screen

## Electrical Specifications

	19"	28"	38"
Operating Voltage (V)	12	12	12
Typical Power Consumption <sup>7</sup> (W)	12 (Main CPU) 35 (Screen <sup>4</sup> )	12 (Main CPU) 38 (Screen <sup>4</sup> )	12 (Main CPU) 110 (Screen <sup>4</sup> )
Current consumption (A)	1 (Main CPU), 2.9 (Screen <sup>4</sup> )	1 (Main CPU), 3.0 (Screen <sup>4</sup> )	1 (Main CPU), 9.25 (Screen <sup>4</sup> )
Lift Interface <sup>3</sup>	E-Motive 4 wire Serial, RS485 Serial	E-Motive 4 wire Serial, RS485 Serial	E-Motive 4 wire Serial, RS485 Serial
PC Interface	LAN, Wireless <sup>5</sup>	LAN, Wireless <sup>5</sup>	LAN, Wireless <sup>5</sup>
RF Input <sup>5</sup>	N/A	N/A	N/A

<sup>3</sup> Communication between the lift controller and the display is controlled using an E-Motive encoder board, which is sold separately.

<sup>4</sup> The CPU is a low voltage device operating at 12VDC through a separated AC/DC switching power supply (IEC60950-1 compliance). The Open Frame operates at 12VDC through a separated AC/DC switching power supply (IEC60950-1 compliance). Both power supplies are included in the scope of supply.

<sup>5</sup> Wireless communication requires a USB WiFi adaptor.

<sup>6</sup> If required, a separate E-Motive video server needs to be purchased.

<sup>7</sup> Typical power consumption varies according to content. Reduction in consumption can be achieved using power save mode.

## Ordering Information

Part No.	Product Description	Part No.	Product Description
<b>iP2-190-900</b>	iP2 Multimedia 19"	<b>134-P-A-A39</b>	6mm Polycarbonate Lens, 19"
<b>iP2-280-900</b>	iP2 Multimedia 28"	<b>134-P-A-A40</b>	6mm Polycarbonate Lens, 28"
<b>iP2-380-900</b>	iP2 Multimedia 38"	<b>134-P-A-B80</b>	6mm Polycarbonate Lens, 38"

### Accessories Available

ACC-VS1	Video Splitter, 2-Port, VGA
133-C-1-0229	USB Extension Cable, 5m
147-2-0-0041	Ethernet Router
147-2-0-0039	Ethernet Switch, 8-Port
147-2-1-0039	Ethernet Switch, 16-Port
147-0-0-0053-02	Wi-fi USB Adaptor, 802.11n
147-1-0-0038	Ethernet/Fibre Optics Converter

### Accessories Available cont.

147-1-0-0043	Ethernet/VDSL Switch, 8-Port
147-1-0-0042	Ethernet/VDSL Converter
VSERVER-MINI	Video Server Mini
VSERVER-MAX-900	Video Server Max
VSERVER-MAX-901	Video Server Max, HDMI
ML403100001	4-Input/1-Output 4-Wire Concentrator
SOFTWARE-CD	iP2 Software

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