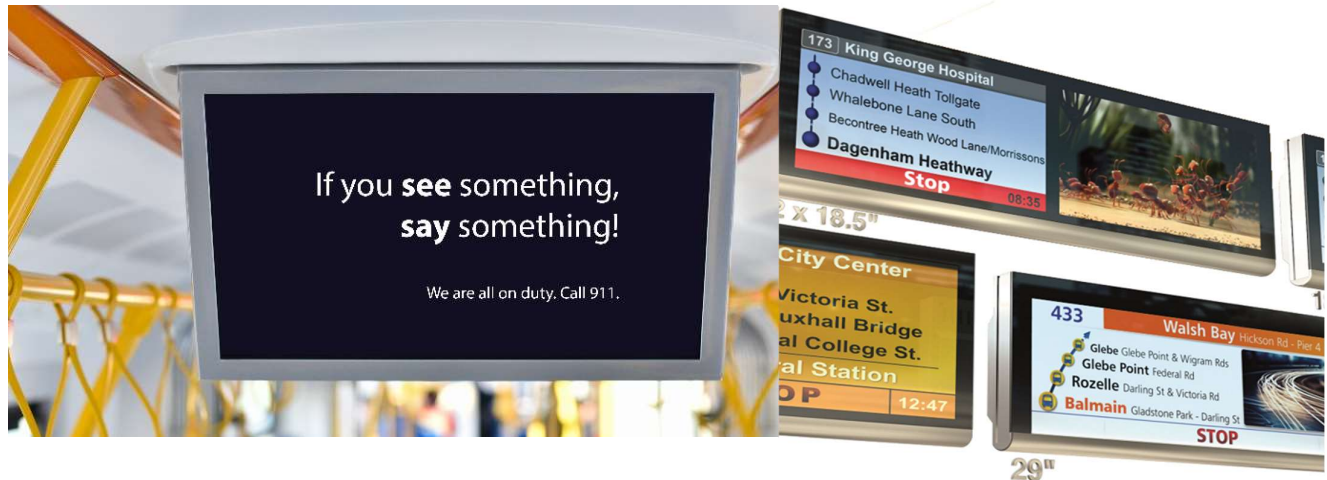


BRILLIANCE – INFOTAINMENT DISPLAY

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FEATURES

- BRIGHTNESS ENHANCEMENT
- IR FILTERS IN THE FRONT GLASS AND IR REFLECTING PAINTING MATERIALS
- WHITE POINT ADJUSTMENT
- SUPPORT OF HTML5 CONTENT INCL. VIDEO TAGS

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Luminator's TFT Display solutions offer high contrast and brightness combined with low power consumption. Cutting-edge technologies reduce temperature even in direct sunlight and help expanding operation lifetime of the displays.

Due to the modular approach customers should find always find the fitting size.

The powerful controller unit allows for various scroll, picture and video animations.

Brightness enhancement foils are reducing power consumption and increasing reflective part of the display mode.

IR filters in the front glass and IR reflecting painting materials reducing surface temperature of the TFT screen in direct sunlight.

The white point adjustment avoids significant color deviation during display lifetime.

All these measures lead to an optimized mean expected lifetime.



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TECHNICAL DATA

TFT Display Characteristics			
Regular sizes			
Size (")	Resolution	Cd/m ²	Aspect Ratio
18.5"	FHD (1920 x 1080)	500 / 1.000	16:9
21.5"			
24"			
Specific sizes:			
Size (")	Resolution	Cd/m ²	Active Area
28"	1920X360	500/1000/1500	698 x 131
28.5"	1920X540	500/1000/1500	698 x 196.5
29"	1920 x 610	500/1000/1500	698 x222
35.5"	1920X360	500/1000/1500	885 x 166
36.2"	1920X540	500/1000/1500	885 x 264
48.9"	1920X360	500/1000/1500	1220 x 231
Application specific options			
Optical bonding front glass options <ul style="list-style-type: none"> • Anti-reflection + anti-fingerprint coating • Antiglare • Laminated safety glass • IP camera integration ready 			
Portrait mode			
Touch function			
Electrical			
EMC			
Compliant to EN50155:2017 - EN50121-3-2:2016			
Input Voltage			
Nominal Voltages: EN50155 :2017 - 110V			
Other voltages available in option.			
Insulation and voltage withstand			
Compliant to EN50155:2017:			
Voltage withstand 1000VAC or 1500VDC			
Insulation: >20MΩ at 500VDC			
Reverse polarity protection			
Yes			
Voltage interruptions Class			
EN50155:2017 – Class S2			
Supply changeover class			
EN50155:2017 – Class C1			
Environmental			
Operating Temperature			
0°C to +60°C			
Storage temperature			
-20°C to +60°C.			
Rapid variation temperature class			
EN50155:2017 Class H2			
Shock and vibration			
Compliant to EN 61373 performance for Category 1 body mounted equipment. Class B. (complies to EN50155:2017)			
Fire behavior			
Compliant to EN45545-2 HL2			
Compliant to NFPA 130			
Mechanical			
Ingress protection			
IP54			
Dimensions			
Custom housing as small as possible			
Interfaces			
Ethernet			
2 M12 D-coded connectors (socket) for 10/100/1000Mbps Ethernet switch with bypass relay for Ethernet daisy chain support.			