

MetroSpec 32"

E-PAPER DIGITAL INFORMATION SIGNAGE

Green friendly, Efficient, Dynamic Digital Signage
replacing Static Signage Worldwide.



Sunlight
Readable



Weather
Resistant



Extremely
Low Powered



Designed for
24/7 Operation



IP65 Rated
Enclosure



The MetroSpec 32" E-Paper Digital Information Signage is designed and manufactured by Metromatics. This is a colour display with a rugged weather resistant enclosure. This display is perfect for the outdoors but can also be used indoors. This display is one of the most environmentally friendly digital signage solutions because it consumes little to no power during use. We can customise it to your specifications. This display is perfect for clients seeking environmentally friendly transit signage or smart city display solutions.

METROSPEC

Metromatics has been providing Public Transport, Local Government, Defence and Australian Industrial Organisations with sunlight readable high bright MetroSpec Industrial and Digital Displays Solutions for a range of applications for over 14 years. MetroSpec is a brand name of Metromatics (ABN 47 007 346 287) and is Australian Designed & Manufactured.

MetroSpec 32" E-Paper Digital Information Signage Display

Specifications

E-PAPER	Colour
Size	32"
Resolution	1280 x 720
Power Requirements	Standard: 12V DC, 2.5 amps
Colours	4096
Ingress Protection	IP65
Operating Temperature	0 to 50°C
Storage Temperature	-25 to 70°C
Size & Weight	14.5 Kg 481mm w x 776mm h x 113.4mm d
Refresh Rate	2.5 Seconds
Mounting Options	VESA 400 x 200 / 200 x 200 / 400 x 400
Controller	Raspberry Pi 4B
Connectivity	4G, Wifi, Ethernet
Options	Antenna, External, Internal, Software, Touchscreen

32 E-Paper Power Calculator Example

Inputs	
Size Battery Voltage	12
Updates Per Hour	6
Hours Turned On Per Day	18
Hours of Frontlight Per Day	8
Days Lasting (no sun)	2
Days For Complete Recharge	1
Solar Panel Size	250
Hours of Sunshine Per Day	6

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Outputs	
Total Updates Per Day	108
Battery Size (med)	90.92933333
Solar Watts Required	218.2304
Solar Panel Qty	0.8729216

GO NET ZERO

Utilising the latest E-Paper technology, this display stands out when in dim-light and brightens when in direct sunlight. It also has an onboard sensor that recognises day and night. Additionally, LED Edge lighting is also provided for better night-time viewing. This display is also NET ZERO. Once information is set on the screen the display holds the image indefinitely without drawing on electricity or power. As a result, this is the perfect solution for clients looking to focus on public transport sustainability & smart city solutions.

CUSTOM BUILT FOR YOU

Metromatics has been providing advanced digital signage & passenger information solutions to the public & transport industry for over 10 years. The MetroSpec 32" E-Paper can be custom designed into current or upcoming signage projects. To find out more, please contact us.

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