32" Emitr Outdoor Master (EOM)

The 32" Emitr Outdoor Master (EOM) has been designed to operate in the most testing of outdoor conditions. It is IP 65 rated to ensure protection from the elements and IK 8 rated for robustness and durability. Power options include mains, battery and solar.

General

Dimensions (L X H X W)	772 x 471 x 42 mm
Weight	12 kg
Colour	Silver/Grey metallic
Mounting Type	VESA 200 M8

Display

Resolution	RGB 1280 x 720 pixel Greyscales 2560 x 1440 pixel
Active Display Area	691 x 390 mm
Display Type	Reflective
Illumination	Embedded LED Front-Light, adjustable
Ambient Light Sensor	Optional

Electrical

Power Supply	12V DC from AC mains via power supply) or 12 c DC solar panel
Power Consumption (60 sec update)	50 mA without illumination
	100 mA illuminated
Power Consumption (User Interaction)	100 mA without illumination
	150 Ma illuminated
Power Supply Connector	Male 5-pin circular waterproof
Ethernet (optional)	Ethernet circular waterproof

Environment

Operating Temperature	Greyscale -20C to 70C (-4F to 158F) (Eink states -15 to +50)
Protection	IP65

Connectivity

Communication	Mobile or Wi-Fi or Ethernet
Mobile Network	3G/4G LTE
Mobile Network Antenna	Internal (external antenna optional)
Wi-Fi	Dual Band (2.4/5 GHz) 802.11
Wi-Fi Antenna (optional)	internal/external
Ethernet (optional)	10/100/1000 Mbps
Communication	-

Certification

Certificate of Conformity, Ingress Protection Rating (min IP65), Impact Protection Rating (min IK08)

42" Emitr Outdoor Master (EOM)

The 42" EOM is currently the largest epaper screen size in the range and displays Real Time Information to maximum effect. It is IP65 rated to ensure protection from the elements and IK 8 rated for robustness and durability. Power options include batter, solar as well as mains.

General

Dimensions (L X H X W)	725 x 939 x 42 mm
Weight	23 kg
Colour	Silver/Grey metallic
Mounting Type	VESA 400 M8

Display

Resolution	Greyscale 2160 x 2880 pixel
Active Display Area	640 x 860 mm
Display Type	Reflective
Illumination	Embedded LED Front-Light, adjustable
Ambient Light Sensor	Optional

Electrical

Power Supply	12V DC from AC mains via power supply) or 12 c DC solar panel
Power Consumption (60 sec update)	70 mA without illumination
	200 mA illuminated
Power Consumption (User interaction)	110 mA without illumination
	170 Ma illuminated
Power Supply Connector	Male 5-pin circular waterproof
Ethernet (optional)	Ethernet circular waterproof

Environment

Operating Temperature	Greyscale -20C to 70C (-4F to 158F) (Eink states -15 to +50)
Protection	IP65

Connectivity

Communication	Mobile or Wi-Fi or Ethernet
Mobile Network	3G/4G LTE
Mobile Network Antenna	Internal (external antenna optional)
Wi-Fi	Dual Band (2.4/5 GHz) 802.11
Wi-Fi Antenna (optional)	internal/external
Ethernet (optional)	10/100/1000 Mbps
Communication	-

Certification

Certificate of Conformity, Ingress Protection Rating (min IP65), Impact Protection Rating (min IK08)