

Technical Specification

Digital Display	
Technology	LCD
Orientation	Portrait operation
Maximum Resolution	3840 x 2160 pixels (UHD/4K)
Viewability	Direct sunlight readable
Format	9:16
Display Colours	16.7 Million
Pixel Arrangement	RGB vertical stripe
White Luminance (Typical)	5000 cd/m ² (absolute maximum) 3500 cd/m ² (normal operating maximum)
Contrast Ratio (Typical)	5000:1
Active Area	924 x 1635 mm
DPI	0.43 x 0.43 mm
Viewing Angle (Typ)	Wide viewing angle (+/- 89°)
Front Optical Sensor	Yes - for additional proof of content payout
Backlight	Automatically turns off when unit is accessed. Remote re-enablement for increased security
Player PC	Independent i5/AMD based PC
Audience Analytics	Full HD 1080x1920 pixel camera for maximum viewer detection range; Located centrally above screen.
Networking	4G/LTE

Options / Accessories
Biofilter, Interactive touch, Air Quality Sensors, Small-Cell ready, Top-Hat

Conformity
CE (RED, LVD, EMC) RoHS and WEEE IEE Wiring Regulations 18th Edition BS EN 61000, BS EN IEC 632368, BS EN 60950 and BS EN 55032

Power		
Power Supply	220-240VAC, 50Hz single phase mains.	
Battery	Battery backup for clean shutdown on power loss	
Power Consumption	Single Side 1250W (@5000 cd/m ² — absolute maximum) 790W (@2500 cd/m ²) TBD W (Typical) Poster - TBD W	Dual Side 2050W (@5000 cd/m ² — absolute maximum) 1265W (@2500 cd/m ²) TBD W (Typical)
Plinths	A range of plinths available with provision for power distribution	
Internal Protection	Mains voltage surge protection and EMC filter. Digital - Optional Power Distribution Assemblies (PDA) *1, *2, *3	
External Protection Requirements	Digital - 10A Type C *1 16A Type C *2, *3 Poster – 6A Type B	
*1 UK Power Distribution Assembly (PDA) – No Internal Breaker *2 EU Power Distribution Assembly (PDA) – 10A Type C Internal Breaker *3 France Power Distribution Assembly (PDA) - 10A Type C Internal Breaker		

Enclosure / Environmental	
Digital Glass	9.5mm heat strengthened laminated construction. Optically clear low reflective coated face glass. IR filters included
Ventilation	Top and bottom for simple integration
Modular Chassis	For fast on-site replacement of internal modules
Material	Stainless steel/Aluminum
IP Rating	IP55 Weatherproof
Operating Temperature	-20°C to +40°C
Storage Temperature	-20°C to +60°C
Relative Humidity	5% to 95% over the operating temperature range