

BRIGHTLUX

Healthcare

Digital Signage Specification for Hospitals & Clinics

Application-specific LED display specifications for architects, AV consultants, and project managers in the UAE and GCC.

1. WAYFINDING DISPLAY

Parameter	Specification
Type	Indoor SMD or MiP panel
Pixel Pitch	P2.5 - P4 (corridor viewing 2-8m)
Brightness	800 - 1,200 nits (bright hospital lighting)
Mounting	Wall-recessed or totem (ADA compliant)
Content	Interactive wayfinding + static maps
Hygiene	Smooth surface, easy to clean
EMC	Medical-grade EMC compliance required

2. PATIENT INFORMATION DISPLAY

Parameter	Specification
Type	Indoor panel (SMD sufficient)
Pixel Pitch	P2.5 (waiting areas, 3-6m viewing)
Brightness	600 - 1,000 nits
Content	Queue numbers, doctor info, health tips
Integration	Hospital management system API
Privacy	HIPAA/data privacy considerations

VENDOR CHECKLIST

Before signing off on any LED display specification, confirm:

01. Technology type matches application requirements
02. Pixel pitch appropriate for actual viewing distance
03. Brightness specified at operating temperature (not lab 25C)
04. IP rating covers actual installation environment
05. Front or rear service matches physical access constraints
06. Redundancy level appropriate for criticality
07. Control system and content management platform confirmed
08. Structural and electrical requirements documented
09. Warranty terms and SLA clearly defined
10. Spare parts provision agreed
11. Installation and commissioning scope defined
12. Training for operators included

BRIGHTLUX | Premium LED Display Solutions

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