

# ODS-55-S-311

55" Outdoor Digital Signage Unit, IP65 Protection



## Specifications

### Basic Information

Model	Outdoor digital signage
Mounting	Floor-standing
Monitor Size	55 inches
Power Input	220~240 VAC (Nominal: 220VAC / 50Hz)
Power Consumption	128W~260W (Without heater)
Power Supply	MEAN WELL industrial-grade outdoor power supply, LRS-24-350 / LRS-12-75 / HDR-15-12
Ingress Protection	IP65 (IEC 60529)
Impact Resistance	IK10 (IEC 62262)

### Display Performance

Resolution	1920(RGB) × 1080, Full HD, 40 PPI
Visible Area	1209.6(W) × 680.4(H) mm
Brightness	2500 cd/m <sup>2</sup> (measured after tempered glass)
Contrast Ratio	1000 : 1
Viewing angle	Horizontal 178 degrees (Min.) / Vertical 178 degrees (Min.) @ Contrast rate ≥ 10
Refresh Rate	60Hz
Response Time	6 ms
Backlight	DLED (Direct LED), Up to 50,000 hours lifespan
Display Mode	IPS
Colorfulness	16.7 Million (8-bits)
Color Coverage	83% sRGB

### Display Structure

Panel	Wide-temperature LCD panel (LG Open Cell)
Cover Glass	8 mm Laminated tempered glass
Glass Structure	Double-layer 4 mm ultra-transparent tempered glass
Interlayer	PVB Anti-shatter Film
Glass Features	Explosion-proof, UV-resistant blunt-shatter safety
Housing Material	Front: aluminum profile shell, screwless design / Base: stainless steel painted
Color of Casing	Black
Support Structure	Vertical

### Internal System

Media Player	DSP311
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**Heater & Cooling**

PTC Heater	Approx. 500W heating system with temperature control, operating from ambient -5 °C (start) to 10 °C (stop)
Cooling System	Fan-based with auto activation; aluminum rail-type

**Safety Protection**

Monitoring	Temperature, humidity, and smoke detection
Power Protection	Short circuit protection Leakage current protection Overvoltage voltage protection Under voltage protection Lightning protection Door switch circuit break on upper cabinet
Anti-theft Design	Physical theft prevention
Brightness Adjustment	Auto light-sensing module

**Dimension**

Net Weight	84 kg
Product Size (W x D x H)	748 × 328 × 1883mm (with floor stand)