

SPECIFICATIONS

UHD Signage | **UM3F/E Series**

		98UM3F	86UM3E	75UM3E
Panel	Screen Size	98"	86"	75"
	Panel Technology	IPS	IPS	IPS
	Native Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Brightness (Typ.)	350 nit	350 nit	350 nit
	Contrast Ratio	1,300 : 1	1,200 : 1	1,200 : 1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	8 ms (G to G)	8 ms (G to G)	6 ms (G to G)
	Surface Treatment (Haze)	Haze 1 %	Haze 3 %	Haze 3 %
	Operation Hours	24 Hrs	16 Hrs	24 Hrs
	Orientation	Portrait & Landscape	Landscape	Portrait & Landscape
Connectivity	Input	HDMI (2, HDCP 2.2/1.4), HDMI (1, HDCP 1.4), DP (1, HDCP 2.2/1.3), DVI-D (1, HDCP 1.4), Audio, USB 2.0 Type A (2)	HDMI (2, HDCP 2.2/1.4), HDMI (1, HDCP 1.4), DP (1, HDCP 2.2/1.3), DVI-D (1, HDCP 1.4), Audio, USB 2.0 Type A (2)	HDMI (2, HDCP 2.2/1.4), HDMI (1, HDCP 1.4), DP (1, HDCP 2.2/1.3), DVI-D (1, HDCP 1.4), Audio, USB 2.0 Type A (2)
	Output	DP, Audio (Off / Fixed / Variable)	DP, Audio (Off / Fixed / Variable)	DP, Audio (Off / Fixed / Variable)
	External Control	RS232C (4 Pin Phone Jack) In / Out, RJ45 (LAN) In, IR In	RS232C In / Out (4 Pin Phone Jack), RJ45 (LAN) In, IR In	RS232C In / Out (4 Pin Phone Jack), RJ45 (LAN) In, IR In
Mechanical Specification	Bezel Color	Black	Black	Black
	Bezel Width	14.9 mm (Even)	14.3 mm (Even)	14.9 mm (Even)
	Monitor Dimensions (W x H x D)	2,191.8 x 1,246.8 x 83.8 mm (Without Handle, with LG logo)	1,926.2 x 1,097.2 x 60.6 mm (Without Handle)	1,682.4 x 960.3 x 57.9 mm (Without Handle and Logo)
	Weight (Head)	81.1 kg	49 kg	41.5 kg
	Packed Weight	119 kg	61.1 kg	49 kg
	Handle	Yes	Yes	Yes
	VESA™ Standard Mount Interface	800 x 400 mm	600 x 400 mm	600 x 400 mm
Key Feature	Internal Memory (8 GB), Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Current Sensor, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Background Image (Booting Logo Image, No Signal Image), Fail Over, Sync Mode (RS-232C Sync, Local Network Sync), Multi-screen (PIB, PBP (4)), Screen Share, Play via URL, Screen Rotation, External Input Rotation, Tile Mode Setting (Max. 15 x 15), Setting Data Cloning, SNMP, ISM Method, Control Manager, Smart Energy Saving, Wake on LAN, Creston Connected ¹⁾ , Cisco Compatibility ²⁾ , Beacon, HDMI-CEC ³⁾ , SI Server Setting, webRTC			
Environment Conditions	Operation Temperature	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C
	Operation Humidity	10 % to 80 %	10 % to 80 %	10 % to 80 %
Power	Power Supply	AC 100 - 240 V ~, 50 / 60 Hz	AC 100 - 240 V ~, 50 / 60 Hz	AC 100 - 240 V ~, 50 / 60 Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power
	Power Consumption	Typ. / Max. 315 W / 415 W Smart Energy Saving 220.5 W	250 W / 345 W 175 W	160 W / 185 W 112 W
Sound	Speaker	Built-in (10 W x 2)	Built-in (10 W x 2)	Built-in (10 W x 2)
Certification	Safety	CB / NRTL	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	Yes / No	Yes / No	Yes / Energy Star 8.0
Media Player Compatibility	OPS Type Compatible	No	Yes	Yes
Software Compatibility	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control / Control+	SuperSign Control / Control+	SuperSign Control / Control+
	Signage365Care ⁴⁾	Yes	Yes	Yes
Accessories	Basic	Remote Controller, Power Cord, QSG, IR / Light Sensor Receiver, DP Cable (1.8 M), Regulation Book, Phone to RS232C Gender, EYE-BOLT	Remote Controller, Power Cord, QSG, DP Cable (1.8 M), Regulation Book, Phone to RS232C Gender	Remote Controller, Power Cord, QSG, DP Cable (1.8 M), Regulation Book, Phone to RS232C Gender
	Optional	N/A	OPS Kit (KT-OPSF), Wall Mount (LSW640A/B)	OPS Kit (KT-OPSF), Wall Mount (LSW640A/B)

¹⁾ Network based control

²⁾ Using an HDMI cable connection.

³⁾ Compatibility may differ by equipment.

⁴⁾ The availability can differ by region.

* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.



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