

LGAOTP12.0XT

HIGH-BRIGHTNESS OUTDOOR LED SCREENS FOR
VARIABLE MESSAGE SIGNS &
TRAFFIC MANAGEMENT



TECHNICAL SPECIFICATIONS

GENERAL

Operating environment	:	outdoor
Pixel pitch	:	12mm
Service type	:	rear access
Calibrated brightness (nits)	:	L3
Lamp type	:	SMD
Lifespan (hours at %50 brightness)	:	>100.000 hours
Color coordinates	:	C2
Contrast ratio	:	R3
Beam Width	:	B6
Brightness control	:	100 level

MODULE SPECIFICATIONS

Module dimensions (mm)	:	240x180
Refresh frequency	:	adjustable
Module resolution	:	20x15px
LED drive method	:	static
Module material	:	PC&Fiberglass
Module type	:	sealed
PCB type	:	multilayer
PCB surface coating	:	humiseal

PANEL SPECIFICATIONS

Panel material	:	aluminum
Panel paint	:	ES powder coated
Panel dimensions (mm)*	:	adjustable
IP level	:	P3
Panel weight	:	adjustable
Panel resolution	:	adjustable
Pixel density (pcs/sqm)	:	6.889
Communication way	:	RS485, RS232, RJ45, ProfiBus
Communication protocol	:	NTCIP
Operating temperature range	:	T3
Storage temperature range	:	-40°C ~ +60°C
Operating humidity	:	10% ~ 95% non-condensing
Power input voltage	:	100~260 VAC
Power input frequency	:	50~60 Hz
Average power per sqm	:	<350W
Max power per sqm	:	<650W
Active PFC	:	YES
Load tolerance	:	25% min.
Cooling	:	passive cooling
Compliance	:	EN12966

OTHER

Max input resolution	:	Adjustable
Standard video sources	:	N/A
Brightness adjustment	:	Automatic & manual
Death pixel monitoring	:	YES
Module monitoring	:	YES
Temperature monitoring	:	YES
Smoke monitoring	:	Optional
Voltage monitoring	:	YES
Power redundancy	:	YES
Signal path backup	:	YES
Signal transmission	:	CAT or Fiber Optic
Standby scheduling	:	YES
Power on/off scheduling	:	YES
Power saving mode	:	YES

Ürün görseli buraya

- ☐ New generation full-flip chip microLED technology
- ☐ Adjustable brightness optionally up to 6.500 nits
- ☐ Production level calibration for best color uniformity
- ☐ Aluminum fanless design for high performance under extreme conditions
- ☐ Lightweight for easy adaptation and low cost framework design
- ☐ Lower power consumption with common-cathode technology

Yaşam tarzı / araba görseli buraya

LEDGARANTI TRAFFIC
VMS SOLUTIONS

- 1- Panel dimensions can change upon customer request
- 2- That value is the remain capacity of PSU's at 100% brightness and white color content
- 3- Different types of video input available as option

IDEAL FOR

Highway VMS Traffic Management Parking Guidance Tunnel Display Warning & Alert Urban Mobility

ADVANCED FEATURES

Front Access	Lightweight	Slim	Temp Monitoring	Smoke Monitoring	Voltage Monitoring	Remote Control	Easy To Install
Wide Angle	High Refresh Rate	Transparent	Noiseless	Calibration	Pixel Detection	Fanless	