

Outdoor Air Cooled Displays

Outdoor / Semi-outdoor Air Cooled LCD Displays



FEATURES

Air Cooled
Ultra Thin 16 cm
FHD-1920x1080
High Brightness 2500nits
Low Energy Consumption

DIMENSIONS (WxHxD mm)

55": 1,000 x 2,100 x 200 (Outdoor)
65": 1,100 x 2,200 x 200 (Outdoor)

Durable Clean Cut Design

Due to our advancements in cooling technology, we are able to develop super thin displays. Our displays also have an anti-corrosion protective layer that will last more than seven to ten years.

Technical Specification

KWO 43 55 65

Panel

Panel Size (inch)	55 / 65
LCD Manufacturer	LG / Samsung / AUO / SHARP
Active Display Area (w x h mm)	680 x 1210 / 800 x 1425
Resolution (pixel)	1920 x 1080
Aspect Ratio	16 : 9
Brightness (nits)	2500
Contrast Ratio	4000:1
Grey to Grey Response Time (ms)	6
Viewing Angle (H/V)	178° /178°
Backlight Configuration	Direct LED
Operational Life Cycle-mtbf (hours)	50000

Media & Connectivity

SYSTEM	Android 4.4.4
CPU	RK 3188
DDR	1 G
NAND	8 G
WIFI	Yes
LAN	Yes
RS 232	Yes
USB	Yes
Remote Server	Update content wireless through the web
4G / 3G	Yes
Auto Standby	Automated on / off timing by day, week, hour
Speaker	8 Ω 5 W x 2

Micro-Controller

Automatic Brightness	Yes
Auto Cooling	Yes
Auto Heating	Yes
Auto Dehumidification	Yes

Power

Lightning Protection Grade	III
Leakage Protection	30 mA, 0.1S
Timing switch	Automated on / off timing by day, week, hour
Input Voltage	AC 220 / 110 V ± 10%, 50 / 60 HZ
Max Power Consumption (w)	450 / 580 (without heater), 850 / 980 (with heater)

Enclosure

IP Rating	IP55
Enclosure Material	Galvanized steel+zinc powder coating+fine grain powder triple coating
Enclosure Lifetime	5 years, fully outdoor, No color-fading, paint-shedding, rusting
Glass Type	Tempered glass with AR coating
Glass Characteristics	Transmissivity > 93%, Reflectivity < 2%
Unit Dimension (w x h x d mm)	1,000 x 2,100 x 200 / 1,100 x 2,200 x 200
Bezel Width (mm)	160
Weight (kg)	TBD

Environment

Operating Environment	Exposure to direct sunlight, rain, snow and dust
Operating Temp.	-40 C ~ +50 C
Operating Humidity	5% ~ 98%
Operating Altitude (m)	2000

Option	Windows System Touch Screen Optical Bonded
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