

# DynaScan

DO552LR4



## 55" ULTRA HIGH BRIGHTNESS 3,500 NITS OUTDOOR LCD

The DO552LR4 is a 55-inch premium professional LCD design for full outdoor applications. The display features a full HD resolution with a high brightness LED backlight producing a sunlight viewable 3,500 nits image.

The DO552LR4 is IP66 rated for protection from water and dust, features an IK10 vandal resistant tempered glass surface, and rugged all metal rust proof construction.

The display may be operated in both portrait and landscape orientations and utilizes quarter-wave plate technology to allow for viewing with polarized sunglasses.



SUNLIGHT  
VIEWABLE



WEATHER  
RESISTANT



VANDAL  
RESISTANT



POLARIZED  
LENSES OK



PORTRAIT &  
LANDSCAPE

### APPLICATIONS

- OUTDOOR KIOSKS
- OOH ADVERTISING
- SMART CITIES
- DRIVE-THRU MENU BOARDS
- BUILDING EXTERIORS
- TRANSPORTATION

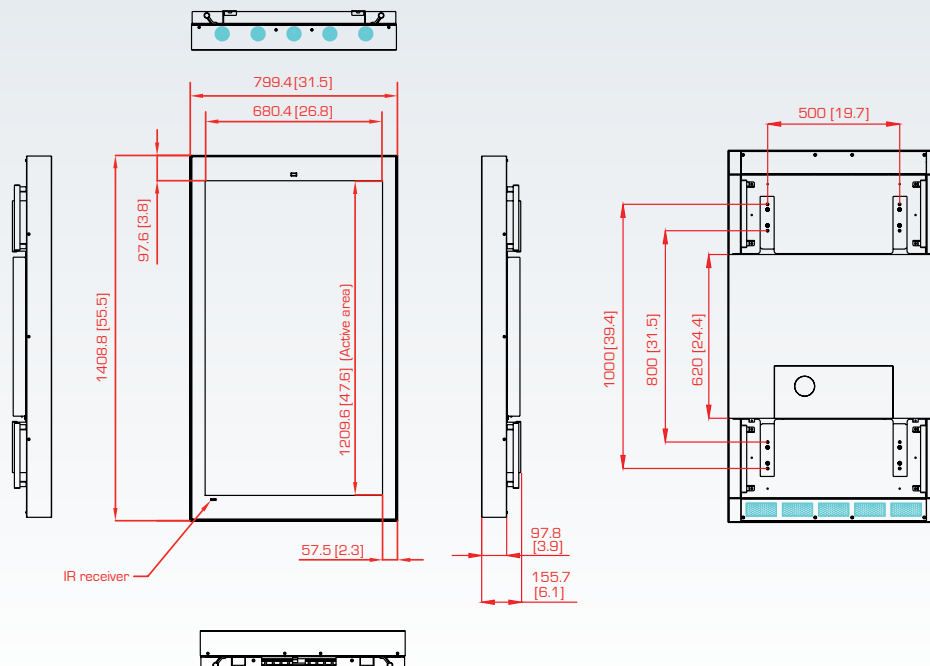
**FULL OUTDOOR  
SERIES**

# SPECIFICATIONS

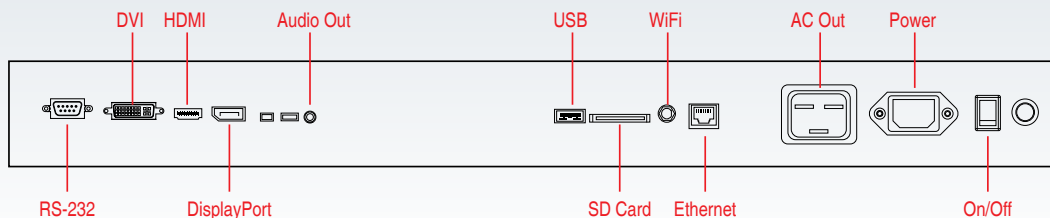
PANEL	LCD Panel Type	54.64 inches LCD
	Native Resolution	1920 x 1080
	Backlight	LED
	Brightness	3500 nit
	Default Color Temperature	D65 (6500 K)
	Contrast Ratio	3,000:1(static)
	Color Depth	8 bit
	Response Time	9 ms (typ)
	Viewing Angle	178° / 178°
	Light Life Time	100,000 hrs (typ.)
	Blackening Defect Free	Up to 110°C (230°F)
	Panel Surface	QWP
POWER	Power Supply	Internal
	Rated Voltage	100 V ~ 240 V, 50 Hz / 60 Hz
	Power On Mode	320 W (typ), 470 W (max)
	Power Saving Mode	< 1 W
MECHANICAL	Bezel Width (T/B/L/R)	97.6 / 97.6 / 57.5 / 57.5 mm
	Cabinet Color	Black
	Monitor Dimension (LxHxD)	1408.8 x 799.4 x 155.7 mm [55.5" x 31.5 x 6.1"]
	Monitor Weight (set/package)	104 kg / 112 kg [229 lb / 246 lb]
	VESA Mounting (dimension)	500 x 800 mm; 500 x 1000 mm
	Weather Resistance	IP66
	Orientation	Portrait / Landscape
USER INTERFACE	Language	English
	Proof of Image Retention	Yes
	Dimming Control (DCR)	Yes
	On/Off Scheduling	Yes
	Ambient Light Sensor	Yes
	Network Control	RS-232, LAN
	Internal Temperature Sensor	Yes
I/O PORTS	HDMI	In (x1)
	DVI-D	In (x1)
	DisplayPort	In (x1)
	RS-232	In (x1)
	RJ-45	In (x1)
	Audio	Out (x1)
	USB	In (x1)
	SD Slot	In (x1)
	Wi-Fi	RP-SMA Jack
ENVIRONMENT	Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	10% ~ 100% RH Non-condensing
ACCESSORIES	Included	Quickstart guide, Power cable, Remote control with batteries
CERTIFICATION	CE / FCC / ROHS	

All specifications are subject to change without notice.

## DIMENSIONS



## INTERFACE



## INTERNAL PLAYER

INTERNAL PLAYER	Operating System	Android 7.1
	Processor	ARM Quad-Core Cortex-A17
	Clock Speed	1.6 GHz
	Main Memory Interface	DDR3-2G
	Graphics	Mali764 Quad-Core
	Storage (FDM)	Internal: 8GB eMMC Flash
	Multimedia	4K 10bits VP9/H265/H264 video decoders, up to 60fps, 1080P other video decoders (VC-1, MPEG-1/2/4, VP8)
	Wi-Fi Specification	802.11 b/g/n 2412.0Mhz - 2462.0Mhz



## FEATURES



### Sunlight Viewable Image

With a brightness ratings up to 3,500 nits, the display can easily be viewed in direct sunlight applications.



### IP66 Weather Resistance

Built to tolerate the elements and are designed to resist water and dust from entering the display.



### Blackening Defect-free

High TNI panel prevents blackening when exposed to high temperatures.



### All Metal Construction

Rugged stainless steel construction for incredible durability and rust prevention.



### True Color Calibration

Every display is factory calibrated to the D65 CIE color standard to product a natural looking image.



### Maintenance Free

With no filters to change, the display is designed for 24/7 operation with no maintenance.



### Viewable with Polarized Lenses

Utilizes quarter-wave plate technology to allow for viewing with polarized sunglasses.



### Brightness & Color Guaranteed

Color and brightness degradation of no more than 9% over 5 year of continuous use, guaranteed.

[www.dynascandisplay.com](http://www.dynascandisplay.com)



Connect with us

Copyright © DynaScan Technology, Inc.  
All rights reserved.  
20190228

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660