

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**

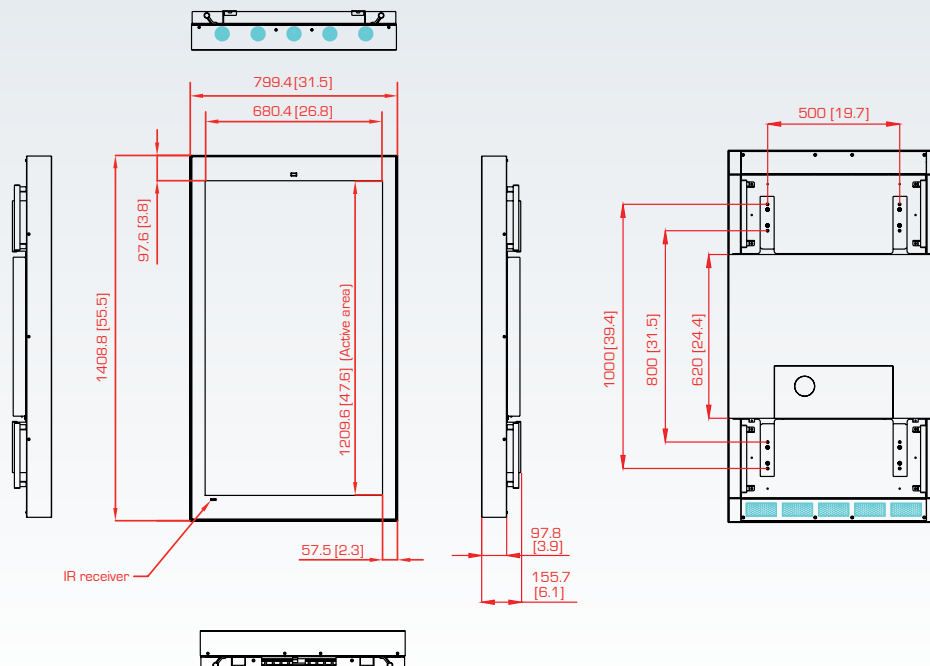
**FULL OUTDOOR
SERIES**

SPECIFICATIONS

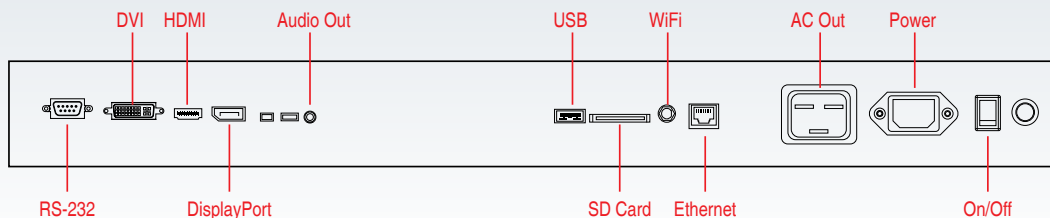
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|----------------|------------------------------|--|
| PANEL | LCD Panel Type | 54.64 inches LCD |
| | Native Resolution | 1920 x 1080 |
| | Backlight | LED |
| | Brightness | 3500 nit |
| | Default Color Temperature | D65 (6500 K) |
| | Contrast Ratio | 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.

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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.

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