PN-R556

An elegant and attractive addition to any digital signage application with unparralled reliability and durability.

Setting a new benchmark for mission-critical reliability and flexible extension.

- 55" (138.8cm) display for professional 24/7 signage

- 1920 x 1080 pixels with 700CD/m^2

- Contrast 1300:1

- Portrait, landscape, face-up and face-down installation support

The brand new PN-R 55" (138.8 cm) is designed for demanding high brightness 24/7 display applications and is supported by the flexible Intel® Mini-OPS expansion slot – no need for unsightly cabling when using one of the module options. As an easy- to-use and highly reliable solution with outstanding high-brightness image and sound quality, the PN-R556 sets the ultimate standard for reliable, robust, plug-and-go display signage used anytime and anywhere.

With state-of-the-art high-brightness LED backlight technology, which allows for a new level of slim bezels and shallow cabinet depth, Sharp's 55" PN-R556 display is an attractive and elegant addition to any demanding signage application. With unparalleled reliability, superb durability and straight-forward operation, the monitor can be installed in either portrait or landscape mode, and even suspended from a ceiling for face-up or face-down at any tilted angle.

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Specification

Display module data

Panel Technology:	LCD IPS
Native Resolution (Pixels):	1920 x 1080
Diagonal Size (inches / cm):	55/138.8
Aspect Ratio:	16 : 9
Backlight Technology:	Edge LED
Brightness (cd/m2):	700
Contrast Ratio:	1300:1
Display Colours:	1.07b
Response Time (grey to grey avg) ms:	8
Viewing Angle (H/V)0 CR >10:	178/178

Power supply & operating environment

Operating Voltage(ACV) / Frequency(Hz):	100-240/50-60
Power Consumption (W) (Operating MAX):	175
Operating Temperature (oC):	0 to 40
Humidity (%):	20 to 80
Heat Dissipation (BTU/h) MAX:	597

Weights and measures

Bezel Size (L/R) mm:	7.8
Bezel Size (U/L) mm:	7.8
Product Dimensions (W/H/D) mm:	1231 x 702 x 57
Product Weight Without Stand (Kg):	25

Connectivity (audio/video) input

HDMI:	2
DVI-I:	1
DisplayPort:	1
VGA:	1
Composite:	1
Audio 3.5mm Jack:	1

Connectivity (control/serial data)

RS232C IN:	1
RS232C OUT:	1
LAN Port:	1

Key Specifications

24/7 Operation certified	✓
Built in speakers (w)	10 x 10
Computer input - plug & play	✓
Power Management	✓
Cabinet Colour	Black
Fanless	✓
Multi-screen function (videowall)	✓
Daisychain (mirror mode)	✓
Hardware Diagnosis	✓
Monitor Control Software Support	✓

Safety & Environment (Europe)

CE, CB Report	✓
Mercury Content (mg)	0

Installation

Landscape	✓
Portrait	✓
Horizontal	✓
Mounting (VESA/Number of Points/Pitch mm):	4/400mm x 400mm

Connectivity (audio/video) output

DisplayPort:	1
Audio/Headphone 3.5mm Jack:	1

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