

86" Professional Digital Signage display with an 18/7 operating time, 4K UHD resolution and an OPS slot

See the difference with the ProLite LE8640UHS. A professional digital signage display with 4K graphics, 18/7 operating time and an OPS slot. Featuring a slim bezel, an IPS LED panel for exceptional color and image performance and iiSignage, iiyama's free signage content creation and management software, the LE8640UHS offers businesses an easy and effective solution to successfully help them get their message across to the clients.

iiSignage

With iiSignage, you can easily create, publish and manage your own digital signage content on any iiyama 40-series display from a desktop PC in the same network. Use rich content like video's and widgets to create highly impactful advertising in minutes and schedule your content across multiple displays to best match your customers' behavior.

[Read more](#)

4K

UHD resolution (3840x2160), better known as 4K, offers a gigantic viewable area with 4 times more information and work space than a Full HD screen. Due to the high DPI (dots per inch), it displays an incredibly sharp and crisp image.

01 DISPLAY CHARACTERISTICS

| | |
|----------------------------------|---|
| Design | Thin bezel |
| Diagonal | 85.6", 217.4cm |
| Panel | IPS LED, matte finish, haze 3% |
| Native resolution | 3840 x 2160 @60Hz (8.3 megapixel 4K UHD) |
| Aspect ratio | 16:9 |
| Panel brightness | 410 cd/m ² |
| Static contrast | 1200:1 |
| Response time (GTG) | 8ms |
| Viewing zone | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support | 1.07B 10bit (8bit + Hi-FRC) |
| Horizontal Sync | 30 - 83kHz |
| Viewable area W x H | 1895 x 1065.9mm, 74.6 x 42" |
| Bezel width (sides, top, bottom) | 15.2mm, 15.2mm, 15.2mm |
| Pixel pitch | 0.4935mm |
| Bezel colour and finish | black, matte |

02 INTERFACES / CONNECTORS / CONTROLS

| | |
|------------------------|---|
| Analog signal input | VGA x1 (max. 1920x1080 @60Hz) |
| Digital signal input | HDMI x4 (max. 3840x2160 @60Hz) DisplayPort x1 (v.1.2, max. 3840x2160 @30Hz) |
| Audio input | Mini jack x1 |
| Monitor control input | RS-232c x1 RJ45 (LAN) x1 IR x1 |
| Audio output | RCA (L/R) x1 Speakers 2 x 10W |
| Monitor control output | RS-232c x1 IR loop through x1 OPS Slot x1 (OPS Intel 80 Pin Standard-Slot. Not compatible with OPS-C) |
| HDCP | yes |
| USB ports | x1 (v.2.0 x1, v.3.0 x1, v.5V0.5A x1, v.5v2A(USB power charging) x1) |

03 FEATURES

| | |
|------------------------------|---|
| Integrated software | Android OS 5.0.1, iiSignage |
| Hardware | CPU: MSD95E1D-W4, Quad-Core ARM, 1.4Ghz, Memory: 2GB, Storage: 8GB eMMC |
| Extra | handles, micro SD slot |
| Max. non-stop operating time | 18/7 |
| Anti image retention | yes |
| Media playback | yes |
| Housing (bezel) | metal |

04 GENERAL

| | |
|-----------------|---|
| OSD languages | EN, DE, FR, ES, IT, CN, RU, JP, CZ, NL, PL |
| Control buttons | Power, Mute, Input, Plus, Minus, Up, Down, Menu |

User controls

Picture (brightness, contrast, sharpness, black level, tint, color, noise reduction, gamma selection, color temperature, color control, smart power, over scan, picture reset), Screen (H.position, V.position, clock, clock phase, zoom mode, custom zoom, auto adjust, screen reset), Audio (balance, treble, bass, volume, audio out, maximum volume, minimum volume, mute, audio source, audio reset, audio out sync), Configuration 1 (switch on state, panel saving, RS232-routing, boot on source, WOL, RGB range, Config 1 reset, factory reset), Configuration 2 (OSD turn off, OSD H-Position, OSD V-position, information OSD, logo, monitor ID, heat status, monitor information, HDMI version, config 2 reset), Advanced option (IR control, Power LED light, keyboard control, off timer, date and time, schedule, HDMI with One Wire, language, OSD transparency, power save, OPS settings, advanced option reset), Android settings (ethernet, signage display, system tools, display, apps, date & time, developer opt

Plug&Play

DDC2B, Mac OSX

05 MECHANICAL

Orientation

landscape

Fanless design

yes

VESA mounting

600 x 400mm

Operation temperature range

0°C - 40°C

Storage temperature range

- 20°C - 60°C

MTBF

50.000 hours (excluding backlight)

06 ACCESSORIES INCLUDED

Cables

power, HDMI, mDP - DP, DP, RS-232c

Guides

quick start guide, safety guide

Remote control

yes (batteries included)

07 POWER MANAGEMENT

Power supply unit

internal

Power supply

AC 100 - 240V, 50/60Hz

Power usage

290W typical, 0.5W stand by, 0.5W off mode

08 SUSTAINABILITY

Regulations

CB, CE, TÜV-Bauart, RoHS support, ErP, WEEE, CU, REACH

REACH SVHC

above 0.1%: Lead

09 DIMENSIONS / WEIGHT

Product dimensions W x H x D

1927.9 x 1098.9 x 85.9mm

Box dimensions W x H x D

2224 x 1427 x 373mm

Weight (without box)

63.8kg

EAN code

4948570116362

All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects.