

DATA SHEET

Manufactured for: Hatteland Technology AS
 Product: 55.0 inch Industrial Monitor
 Type: ED 55T01 UHD-xxx-xx

i Dimensions might be shown with or without decimals and indicated as mm [inches]. Tolerance on drawings is +/- 1mm. For accurate measurements, check relevant DWG file.



55.0" ENIX Pro Monitor - Series ED

The ENIX Pro line - Series ED range of products provides SXGA to 4K resolution monitors to a wide range of industrial applications: HMI, safety systems, navigation, CCTV, voyage planning, sonar, tactical command & control platforms, and more. Its cutting-edge, high-definition LED monitor technology enables the presentation of large amounts of data onto one screen, instead of multiple monitors.

The 55.0" is available with Projected Capacitive Touch and Anti Glare coating for better functionality in all situations and conditions. It also features an On Screen Monitor menu and Keypad for ease of use.



High Resolution



Wide screen



Can resist vertical drips of water



High Contrast



Backlit LED



Touch keypad

TECHNICAL SPECIFICATIONS

55.0 INCH ENIX PRO MONITOR - SERIES ED ED 55T01 UHD-xxx-xx

TFT Technology

- High Quality TFT with LED Backlight Technology
- 55.0 inch viewable image size, Widescreen, Aspect Ratio 16:9
- TFT active-matrix liquid crystal panel, RGB vertical stripe
- AMVA (Advanced -MVA) LCD Technology

TFT Characteristics

Native Resolution	3840 x 2160 (UHD, 4K)
Pixel Pitch (RGB)	0.315 (H) x 0.315 (V) mm
Response Time	8.5 ms (typical) (G to G)
Contrast Ratio	4000:1 (typical)
Light Intensity	500 cd/m ² (typical) (380 cd/m ² w/ PCTouch)
Viewable Angle	+/- 89 deg. (typical) (Up/Down/Left/Right)
Active Display Area	1212.8 (H) x 683.6 (V) mm
Max Colors	1.07B color (8 bits + FRC)

Supported Signals (Resolution)

UHD	3840 x 2160@60Hz
POP2 function	2 x 1920 x 2160@60Hz
QHD	2560 x 1440@60Hz
WXGA	1920 x 1200@60Hz*
FHD	1920 x 1080@60Hz
UXGA (VESA)	1600 x 1200@60Hz
SXGA (VESA)	1280 x 1024@75/60Hz
VGA (VESA)	1024 x 768@75/70/60Hz
SVGA VESA Analog	800 x 600@75/72/60/56Hz
VGA (VESA)	640 x 480@75/72/60Hz

Note:

Actual supported signals may differ based on utilized graphics card.

Features

- Dimmable function to 0 cd/m²
- Remote control, RJ-45, external wheel key encoder tool
- Remote control, RS-232, serial command
- Touch keypad

Power Specifications

AC-power Supply	100&240VAC - 50/60Hz
Power Consumption	
ED 55T01 UHD-CA8-OA	: 150W (Typ) - 250W (Max)
ED 55T01 UHD-CA8-OP	: 151W (Typ) - 250W (Max)

Physical Considerations

Measurements	W: 1314.60 mm [51.75 inch] H: 784.80mm [30.89 inch] D: 123.00 mm [4.83 inch] (w/handles)
Approx Weight:	
ED 55T01 UHD-CA8-OA	: 37.34 kg / 82.32 lbs
ED 55T01 UHD-CA8-OP	: 37.54 kg / 82.76 lbs
VESA Support	400 x 400 / 200 x 400 [l x w] (mm) 4xM8

Approvals & certificates

These products have been tested / type approved by the following classification societies:

FCC	CE
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Signal Terminals

DVI Input	4 x 24p DVI (female) Max 3840x2160@30Hz (HDMI 1.4 compliant)
VGA Input*	1 x 15p HD D-SUB (female) Max 1920x1200@60Hz
DP Input	2 x 20p DisplayPort (female) Max 3840x2160@60Hz DisplayPort 1.2a compliant
Touch Interface	1 x USB Type B Connector (female)
RS-232	1 x 9p D-SUB (female) non-isolated for remote control
RJ-45	1 x Ethernet RJ45, 8P8C, GPIO interface, for Remote Control (Use the ET JGW STD-A1)
AC Power IN	1 x Std IEC Inlet

User Controls (On right side - Touch Keypad)

- Power On/Off (monitor)
- Brightness Control, backlight dimmable to 0 cd/m² (-/+)
- On Screen Monitor Menu
- Swap Source
- Picture in Picture
- Touch disable
- Navigation control (+/-)

Environmental Considerations:

Operating	Temperature -5°C to +45°C
Storage	Temperature -10°C to +50°C
Humidity	Up to 95% (Operating / Storage)
IP Rating	Protection: IP65 front - IPx1 Rest of unit
Backlight Lifetime	50000 hrs

Lifetime Considerations:

Even though the test conditions for bridge units provide for a maximum operating temperature of 45°C, continuous operation of all electronic components should, if possible, take place at ambient temperatures of only 25°C. This is a necessary prerequisite for long life and low service costs.

Available Accessories

ET JGW STD-A1 : ENIX Pro remote controller (RJ45 harness/encoder)

Please see user manual for more information

Factory Options

- Projected Capacitive Touch Screen (Multitouch, USB interface)
- AG Coated Glass

Available Models:

ED 55T01 UHD-CA8-OA

55.0" ENIX Pro Monitor 4K AC-IN ONLY Black AG MSAP

ED 55T01 UHD-CA8-OP

55.0" ENIX Pro Monitor 4K AC-IN ONLY Black PCTouch AG MSAP

Contents of Package:

- 1 x CABLE POWER EU 1.83M
- 1 x CABLE DP 1.8M
- 1 x CABLE USB A TO B, 1.8M^[1]

^[1]Only for Touch model

 All specifications are subject to change without prior notice! Please visit www.hattelandtechnology.com for the latest electronic version.

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