

# DATA SHEET

Manufactured for: Hatteland Technology AS  
Product: 43.0 inch Industrial Monitor  
Type: ED 43T01 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.



## 43.0" 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 43.0" is available with 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

## 43.0 INCH ENIX PRO MONITOR - SERIES ED ED 43T01 UHD-xxx-xx

### TFT Technology

- High Quality TFT with LED Backlight Technology
- 43.0 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)	0.245 (H) x 0.245 (V) mm
Response Time	8 ms (typical) (G to G)
Contrast Ratio	4000:1 (typical)
Light Intensity	400 cd/m <sup>2</sup> (typical)
Viewable Angle	+/- 89 deg. (typical) (Up/Down/Left/Right)
Active Display Area	943.5 (H) x 531.8 (V) mm
Max Colors	1.07B color (10 bits)

### Supported Signals (Resolution)

UHD	3840 x 2160@60Hz
QHD	2560 x 1440@60Hz
WUXGA	1920 x 1200@60Hz
FHD	1920 x 1080@60Hz
UXGA	1600 x 1200@60Hz
SXGA	1280 x 1024@75/60Hz
XGA	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/m<sup>2</sup>
- 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	97W (typ) 120W (max)

### Physical Considerations

Measurements	W: 1037.00 mm [40.82 inch] H: 630.00 mm [24.80 inch] D: 120.00 mm [4.72 inch] (w/handles)
Approx Weight	: 24 kg / 52.91lbs
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) Not in use, reserved
RS-232 Interface	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/m <sup>2</sup> (-/+)
On Screen Monitor Menu
Swap Source
Picture in Picture
Touch disable (Not in use, reserved)
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	70000 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)
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### Factory Options

- AG Coated Glass

### Available Models:

<b>ED 43T01 UHD-CA8-OA</b>
43.0" ENIX Pro Monitor 4K AC-IN ONLY Black AG MSAP

### Contents of Package:

1 x CABLE POWER EU 1.83M
1 x CABLE DP 1.8M

**i** All specifications are subject to change without prior notice! Please visit [www.hattelandtechnology.com](http://www.hattelandtechnology.com) for the latest electronic version.

