

## Planar URX85-ERO-T

### 85" 4K LCD Touch Display

The Planar® UltraRes™ X URX85-ERO-T is a TAA Compliant, 4K, HDR, professional 85" LCD touch display with on-board processing for viewing up to four content sources simultaneously. It offers an OPS slot for additional connectivity, and a redundant power supply. With the optional Planar® Profile™ Mounting System it can achieve ADA compliance. It also features Planar® ERO-LCD™ protection technology for use in high-traffic and public environments. It offers high brightness, superior color performance with exceptional 4K clarity and multi-point touch for applications ranging from interactive meeting spaces to high impact touch-based digital signage.



#### Specification:

#### Detail:

|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| <b>Product Name</b>        | URX85-ERO-T                                                                   |
| <b>Planar Part Number</b>  | 998-3171-01                                                                   |
| <b>Protective Glass</b>    | ERO optically-bonded glass technology featuring Corning Gorilla Glass, 2mm AG |
| <b>Touch Technology</b>    | IR touch: 20 points                                                           |
| <b>OS Compatibility</b>    | Windows 10, 11, Mac OSX and Linux                                             |
| <b>Display Resolution</b>  | Ultra HD (3840 x 2160)                                                        |
| <b>Screen Size</b>         | 85 in. (diagonal)                                                             |
| <b>Aspect Ratio</b>        | 16:9                                                                          |
| <b>Display Technology</b>  | Direct-lit LED LCD                                                            |
| <b>Display Active Area</b> | 73.7" x 41.5" (1872.0mm x 1053.0mm)                                           |
| <b>Viewing Angle (typ)</b> | 178°                                                                          |

## Specification:

## Detail:

|                                        |                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Backlight</b>                       | LED                                                                                                                    |
| <b>Backlight life (1/2 brightness)</b> | 70,000 hrs (min)                                                                                                       |
| <b>Brightness (w/protective glass)</b> | 630 nits                                                                                                               |
| <b>Response Time (typ)</b>             | 8.5 ms                                                                                                                 |
| <b>Frame Rate</b>                      | 60Hz                                                                                                                   |
| <b>Contrast Ratio (typ)</b>            | 4000:1                                                                                                                 |
| <b>Contrast Ratio - Dynamic</b>        | 20,000:1                                                                                                               |
| <b>Pixel Pitch</b>                     | 0.4875 mm                                                                                                              |
| <b>Color Gamut</b>                     | 88% NTSC                                                                                                               |
| <b>HDR (High Dynamic Range)</b>        | HDR10                                                                                                                  |
| <b>Display Color</b>                   | >1 billion colors. Full 10 bit data path                                                                               |
| <b>External Connections</b>            | DisplayPort 1.2 in x 1, DisplayPort out, HDMI® 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, OPS x 1, USB-B (for touch controller) |
| <b>Modes</b>                           | 3840x2160 @ 24/25/30/60Hz, 1920x1080 @ 24/25/30/50/60Hz, 480p, 576p, 720p @ 50/60 Hz, 1080i @ 50/60 Hz                 |
| <b>Display Control</b>                 | IR, RS-232, LAN, HDMI-CEC, Keypad, Web Browser Interface                                                               |
| <b>Cabinet Dimensions (W x H x D)</b>  | 77.0" x 44.7" x 4.1" (1955.6mm x 1136.6mm x 103.8mm)                                                                   |
| <b>Dimensions including Wall Mount</b> | 77.0" x 44.7" x 4.1" (1955.6mm x 1136.6mm x 105.3mm)                                                                   |
| <b>Orientation</b>                     | Landscape/Portrait                                                                                                     |
| <b>Bezel Width</b>                     | 0.7" (18.6mm)                                                                                                          |
| <b>Display Edge to Active Area</b>     | 1.6" (40.4mm) left/right/top/bottom                                                                                    |
| <b>Weight</b>                          | 225 lb (102 kg)                                                                                                        |
| <b>Audio Input</b>                     | PC Line In                                                                                                             |
| <b>Audio Output</b>                    | PC Line Out, S/PDIF                                                                                                    |

## Specification:

## Detail:

|                                |                                                                                                                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Speakers</b>                | 10W x 2 built-in                                                                                                                                                                                                              |
| <b>Enclosure</b>               | Metal                                                                                                                                                                                                                         |
| <b>Mounting</b>                | Planar Profile Mounting System or VESA: 600 x 400 mm                                                                                                                                                                          |
| <b>Fanless</b>                 | Yes                                                                                                                                                                                                                           |
| <b>Line Voltage</b>            | 100-240V; 50/60Hz                                                                                                                                                                                                             |
| <b>Power Consumption (typ)</b> | 270W (standby: <0.5W)                                                                                                                                                                                                         |
| <b>Operating Temperature</b>   | 0° to +40°C (32° to 104°F) at up to 1500m, 0° to +35°C (32° to 95°F) at up to 3000m                                                                                                                                           |
| <b>Humidity</b>                | 20 - 85% RH (non-condensing)                                                                                                                                                                                                  |
| <b>Options / Features</b>      | MediaPlex Plus Processing, Scheduling, Presets, Redundant power supply                                                                                                                                                        |
| <b>Multi-Source Views</b>      | PiP, Dual, Triple, Quad                                                                                                                                                                                                       |
| <b>Approvals</b>               | FCC Class A, CE, cTUVus, RoHS                                                                                                                                                                                                 |
| <b>TAA Compliance</b>          | Yes                                                                                                                                                                                                                           |
| <b>Security</b>                | No WiFi, no Android O/S, signed and encrypted firmware                                                                                                                                                                        |
| <b>Warranty</b>                | 3 years Advance Exchange                                                                                                                                                                                                      |
| <b>Recommended Usage</b>       | Up to 24x7 operation                                                                                                                                                                                                          |
| <b>In the Box</b>              | URX85-ERO-T display, US power cord, HDMI cable, USB (A to B) cable, IR sensor, remote control, lifting straps x2, QuickStart Guide                                                                                            |
| <b>UPC</b>                     | 8 10069 81082 9                                                                                                                                                                                                               |
| <b>HDMI®</b>                   | Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. |

Planar is a trademark of Planar Systems, Inc. All other trademarks and service marks are property of their holders. Copyright © 2025 Planar Systems, Inc. All rights reserved. This document may not be copied in any form without permission from Planar. Information in this document is subject to change without notice.