



Planar URX100-ERO-T

100" 4K LCD Touch Display

The Planar® UltraRes™ X URX100-ERO-T is a TAA Compliant, 4K, HDR, professional 100" 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 |
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| Product Name | URX100-ERO-T |
| Planar Part Number | 998-3172-00 |
| Protective Glass | ERO optically-bonded glass technology, Soda-lime Glass, 3mm AR |
| Touch Technology | IR touch: 20 points |
| OS Compatibility | Windows 8, 10, 11, Mac OSX and Linux |
| Display Resolution | Ultra HD (3840 x 2160) |
| Screen Size | 100 in. (diagonal) |
| Aspect Ratio | 16:9 |
| Display Technology | Direct-lit LED LCD |
| Display Active Area | 86.7" x 48.8" (2203.2mm x 1239.3mm) |
| Viewing Angle (typ) | 178° |
| Backlight | LED |
| Backlight life (1/2 brightness) | 50,000 hrs (min) |
| Brightness (w/protective glass) | 630 nits |
| Response Time (typ) | 6.5 ms |
| Frame Rate | 120Hz |
| Contrast Ratio (typ) | 3000:1 |
| Pixel Pitch | 0.5735 mm |
| Color Gamut | 98% NTSC |

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| HDR (High Dynamic Range) | HDR10 |
| Display Color | >1 billion colors. Full 10 bit data path |
| External Connections | 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) |
| Modes | 1x 3840x2160 @ 24/25/30/60Hz, 4x 1920x1080 @ 24/25/30/50/60Hz; 2x 1920x2160 @ 60Hz; 480p, 576p, 720p @ 50/60 Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz |
| Display Control | IR, RS-232, LAN, HDMI-CEC, Keypad, Web Browser Interface |
| Cabinet Dimensions (W x H x D) | 90.5" x 52.4" x 4.1" (2297.4mm x 1330.7mm x 103.8mm) |
| Dimensions including wall mount | 90.5" x 52.4" x 4.2" (2297.4mm x 1330.7mm x 105.4mm) |
| Orientation | Landscape/Portrait |
| Bezel Width | 0.7" (18.6mm) |
| Display Edge to Active Area | 1.9" (47.1mm) left/right; 1.8" (45.7mm) top/bottom |
| Weight | 365 lb (165.6 kg) |
| Audio Input | PC Line In |
| Audio Output | PC Line Out, S/PDIF |
| Speakers | 10W x 2 built-in |
| Enclosure | Metal |
| Mounting | Planar Profile Mounting System or VESA: 600 x 400 mm |
| Fanless | Yes |
| Line Voltage | 100-240V; 50/60Hz |
| Power Consumption (typ) | 380W (standby: <0.5W) |
| Operating Temperature | 0° to +40°C (32° to 104°F) at up to 1500m, 0° to +35°C (32° to 95°F) at up to 3000m |
| Humidity | 20 - 85% RH (non-condensing) |
| Options / Features | MediaPlex Plus Processing, Scheduling, Presets, Redundant power supply, TouchMark license key |
| Multi-Source Views | PiP, Dual, Triple, Quad |
| Approvals | FCC Class A, CE, cTUVus, RoHS |
| TAA Compliance | Yes |
| Security | No WiFi, no Android O/S, signed and encrypted firmware |
| Warranty | 3 years Advance Exchange |
| Recommended Usage | Up to 24x7 operation |
| In the Box | URX100-ERO-T display, US power cord, HDMI cable, USB (A to B) cable, IR sensor, remote control, lifting straps x2, TouchMark license key (one time download), QuickStart Guide |
| UPC | 8 10069 81041 6 |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 10/5/2022

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