



# Planar Helium PCT2435

## 24" Touch Screen Monitor

The Planar® Helium™ PCT2435 is a 24" Full HD resolution (1920x1080) LCD touch screen monitor with 10-point simultaneous multi-touch capability, integrated speakers, USB 3.0 hub and dual-hinge desk stand.



SPECIFICATION	DETAIL
Product Name	PCT2435
Planar Part Number	997-9363-00
Viewable Size	23.8" diagonal (20.75" horizontal x 11.67" vertical)
Touchscreen Type	Multi-Touch Projected Capacitive (up to 10 touch points)
Number of Touch Points	10
Touchscreen Interface	USB
Contrast Ratio (typ)	1000:1
Viewing Angle (typ)	178° H,V
Response Time (typ)	14 ms
Brightness (w/touchscreen)	212 cd/m <sup>2</sup>
Brightness (w/o touchscreen)	250 cd/m <sup>2</sup>
Display Type	IPS Edge-Lit LED LCD
Display Resolution	1920 x 1080, full HD
Aspect Ratio	16:9
Tilt Range	-5° to +90°
Palette	16.7 million colors
Pixel Pitch	0.2745 mm
Refresh Rate	56 to 75 Hz (60 Hz recommended)
Dimensions (W x H x D)	21.3" x 14.0" x 9.4" (540.6 mm x 355.11 mm x 238.56 mm)
Dimensions without Stand	21.3" x 14.0" x 1.9" (540.6 mm x 355.11 mm x 46.9 mm)

<b>Panel Depth</b>	1.9" (46.9 mm)
<b>Display Weight</b>	11.7 lb (5.32 kg)
<b>Display Weight (w/o stand)</b>	6.7 lb (3.03 kg)
<b>Shipping weight</b>	14.2 lb (6.44 kg)
<b>Video Inputs</b>	Analog, HDMI
<b>HDCP</b>	Yes
<b>Audio Output</b>	2 speakers, 2W/ch
<b>Compatibility</b>	Windows® 7, 8, 10, 11 - HID Compliant - no drivers needed for basic touchscreen operation
<b>External Connections</b>	VGA D-Sub 15-pin, HDMI 19-pin, USB - Type A to B, 3.5 mm audio in, AC Power In, USB 3.0 Hub (1 up, 2 down)
<b>Power Supply</b>	Internal Power Supply (AC power)
<b>Power Requirements</b>	100-240 VAC, 50/60 Hz
<b>Power Consumption (typ)</b>	28 W Typical (<1 W standby, <0.5 W off)
<b>Operating Temperature</b>	0 to 40°C
<b>Humidity</b>	10 - 85% RH (non-condensing)
<b>Mount</b>	Built-in 100 mm VESA, back
<b>Recommended Usage</b>	Up to 16 hours per day
<b>Service and Support</b>	3-Year Customer First™ Warranty featuring FREE 2-Day Advance Replacement (US only). Please see warranty document for more details and for replacement procedures outside the US.
<b>Options / Features</b>	Dual-hinge stand, built-in USB Hub -USB 3.0 (1 up, 2 down), Kensington® Security Slot
<b>Blue Light Reduction</b>	Yes
<b>Flicker Free</b>	Yes
<b>Product Approvals</b>	cTUVus, CE , FCC B, RoHS
<b>CI-Black-PN</b>	997-9363-00
<b>In the Box</b>	PCT2435 24" Wide Multi-Touch Monitor, Power Cord, VGA Cable, HDMI Cable, USB 3.0 Cable (A to B), Audio-in Cable, User's Guide
<b>UPC</b>	8 10689 00498 1

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

*Specification Report Date: 12/7/2022*

*© Copyright 2022 Planar Systems, Inc. All rights reserved*