

# ThinkVision T2454p 60F9MAT1EU

**Product**

ThinkVision T2454p

**Machine Type**

60F9

**Region**

EMEA

**Display Size**

24"

**View Area**

509.2x286.4 mm

**Panel**

In-Plane Switching

**Aspect Ratio**

16:10

**Resolution**

1920x1200

**Pixel Pitch**

0.270x0.270 mm

**Dot / Pixel Per Inch**

94 dpi

**View Angle (H / V)**

178 / 178

**Pixel Response Time**

7 ms

**Brightness**

300 nits

**Contrast Ratio**

1000:1

**Color Gamut**

77% NTSC

**Multiple Input**

VGA, HDMI, DP

**USB Port**

USB 3.0x5

**Camera**

None

**Speaker**

None

**Power Consumption (Typical / Maximum)**

24W / 54W (with USB)

**Power Adapter**

Integrated

**Stand**

Tilt, Swivel, Pivot, Height Adjust Stand

**Color**

Raven Black (Bezel)

**Side Bezel Width**

18.8 mm

**Dimensions with Stand (HxWxD)**

402.5x557.4x264.2 mm

**Weight (Including Stand)**

13.60lb / 6.15kg

**Monitor Cable**

VGA, DP

**ENERGY STAR**

Yes

**TCO**

TCO 7.0

**EPEAT**

Gold

**Low Blue Light / Eye Comfort**

Eye Comfort

**Base Warranty**

3-year

**Operating System**

Support Windows 7, Windows 8, Windows 8.1, Windows 10

**Presets / User Settings**

21 / 20

**On Screen Display**

OSD, 8 Languages

**CPU / Platform**

None / None

**Display Ram / Storage / Card Slot**

None / None / None

**Wireless / Ethernet / Bluetooth**

None / None / None

**Touch Screen / Digitizer Pen / Battery**

None / None / None

**Announce Date**

2016-04-28

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# SPECIFICATIONS

DISPLAY		MECHANICAL	
Panel Size	24"	Tilt Angle (Front / Back)	-5° to 30°
Panel Type	In-plane switching	Swivel Angle (left / right)	-45° to 45°
Backlight	WLED	Li	110 mm
Viewable Area (Diagonal)	24"	Pivot	0° to 90°, clockwise
Screen Dimensions (W x H)	518.4 mm x 324.0 mm	VESA® Mount	100 mm x 100 mm
Resolution	1920 x 1200	Kensington® Lock Slot	Yes
Aspect Ratio	16:10	Cable Management	Yes
Viewing Angle (H/V at CR 10:1)	178° / 178°	Ambient Light sensor	No
Maximum Brightness (Typical)	300 cd/m²	Bezel Color	Raven Black
Contrast Ratio (Typical)	1000:1	Bezel Width (Sides)	0.74" (18.8 mm)
Dynamic Contrast Ratio	3M:1	Bezel Width (Top / Bottom)	0.74" (18.8 mm)
Pixel Pitch (mm)	0.270 x 0.270		
Dot/Pixel Per Inch (DP / PPI)	94		
Color Gamut (CIE 1931)	77.4%		
Color Gamut (CIE 1976)	90.0%		
Number of Colors	16.7 M		
Response Time	7 ms (Grey-to-Grey)		
Anti-Glare	Yes		
SIGNAL INPUT		POWER CONSUMPTION	
Video Input Signals	VGA, HDMI 1.4, DP 1.2	<b>Power Consumption</b>	
Video Cables Supplied	VGA, DP	Typical	24 W
Video Cable Length	1.8m	Max. without USB hub	27 W
USB Hub	USB 3.0, 1 up 4 down	Max. with USB hub	54 W
USB Cable Supplied	Yes, 1.8m	Sleep	0.5 W
Audio Out	Yes	O -Mode	0.5 W
		<b>Heat Dissipation</b>	
		Typical	81.8 Btu/h
		Max.	184 Btu/h
		Power Supply	Internal
		Power Voltage	90–264 VAC, 1.5A
		Voltage Dynamic Frequency	47 to 63 Hz
SIGNAL INTERFACE / PERFORMANCE		DIMENSIONS (W x D x H)	
Horizontal Frequency	30 to 83 kHz	Size Packed	17.95" x 24.49" x 7.52" (456 mm x 622 mm x 191 mm)
Vertical Frequency	50 to 75 Hz	Size Unpacked with stand	21.94" x 10.40" x 15.85" (557.4 mm x 264.2 mm x 402.5 mm)
Native Resolution	1920 x 1200	Size Unpacked without stand (Head Only)	21.95" x 1.73" x 14.29" (557.4 mm x 44 mm x 363 mm)
Maximum Pixel Clock Speed / Bandwidth	VGA: 205 MHz HDMI: 165 MHz DP: 165 MHz	Min. Distance from Table to Panel (lowest pixel at bottom of screen)	2.295" (58.3 mm)
Default Color Temperature	7200 K	Max. Distance from Table to Panel (highest pixel at top of screen)	15.1" (383.8 mm)
Preset Display Modes	21	Stand Base Footprint Area	8.61" (218.7 mm) (diameter)
User-defined Display Modes	20	Weight Packed	9.68 kg (21.34 lbs)
OSD Buttons	5	Weight Unpacked	6.15 kg (13.6 lbs)
OSD Languages	8	Weight (Monitor Head Only)	4.22 kg (9.3 lbs)
COMPLIANCE		ENVIRONMENTAL	
EPEAT®	Gold	Temperature – Operating	0 °C to 45 °C
ENERGY STAR Rating	6.0	Temperature – Non-operating	-20 °C to 60 °C (non-condensing)
ULE	Gold	Humidity – Operating	10% to 80%
TCO	6.0	Humidity – Non-operating	5% to 95% (non-condensing)
TCO Edge	2.0	Altitude – Operating	5000 meter
TUV	Yes	Altitude – Non-operating	40,000
GREENGUARD	No	Arsenic-free Glass	Yes
RoHS (EU 2002/95/EC)	Yes	PVC free	Yes
Windows Certification	Windows 7, Windows 8.0, Windows 8.1	Mercury free	Yes
China Energy Efficiency Standard	Tier 1	PCC % of plastic resins	85%
		Low Halogen	No
WARRANTY			
Warranty	3 Years		
Geography Availability	World Wide		



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