TCL

TE50N

Digital Signage 18/7

TEN SERIES

Business Line SIZE: **50"**

PRODUCT HIGHLIGHT

Light Up Your Message

With its 350-nit brightness, this UHD signage delivers clear and vibrant content, ensuring strong visibility in retail spaces, schools and beyond.

3-Side Bezel-less Design

Refined design that complements any retail environment.

18/7 Operation

Our displays deliver reliable performance throughout the day, ideal for demanding commercial environments.

Seamless CMS Integration

Our solution is software-agnostic, seamlessly integrating not only with our own CMS but also with partner CMS platforms, giving customers the flexibility to choose the ecosystem that best fits their need.

Westan Australia
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TE50N · 50"

DISPLAY PANEL

Model	TE50N
Resolution	3840 x 2160
Brightness (Typ.)	350nit (Typ.)
Orientation	Landscape
Haze	AG 2%
Contrast Ratio (Typ.)	5000:1
Type	VA
Color Gamut	NTSC 72%
Aspect Ratio	16:9
Refresh Rate	60Hz
Backlight Type	DLED
Color Depth	1.07G(8bit+FRC)
Viewing Angle	178°(H)/178°(V) (CR≥10)
Operational Hour	18/7

CONNECTIVITY / SOUND

Input Video / Audio	HDMI 2.0 IN x2
Output Video / Audio	AUDIO OUT x1 (3.5mm)
USB	USB 2.0 x1 / USB 3.0 x1
WiFi / BT	Support
External Control	RS232 IN x1, RJ45 x1
Display Port	N/A
RJ45	10/100Mbps RJ45*1
Speaker	10W x2

MECHANICAL SPECS

Product Dimensions	1111.4 x 70.0 x 644.8 mm
Package Dimensions	1235.0 x 115.0 x 775.0 mm
Product Weight	7.2 kg
Package Weight	10.3 kg
VESA Mount	200 x 200 mm
Bezel Width	3mm (Bezel-less)

FEATURES

Operating System	Android 12.0
Processor	Quad-core ARM Cortex-A55
Storage (FDM)	16GB
CMS / S-W	TCL EShow 3.0 & Partner CMS
Memory	2GB
WiFi	2.4G/5G
Bluetooth	Support
Remote Control	IR remote control

FEATURES (S/W)

OTA Upgrade	Support
Scheduled Power On/Off	Support
System Integration	Open standard API, enabling seamless integration with third-party systems, and supports self-starting functionality for the launcher.
Picture Rotation	Support(Horizontal/Vertical)
OSD Rotation	Support(Horizontal/Vertical)
Security Lock	Support
Language	English, Chinese (Simplified), Chinese (Traditional), Vietnamese, Malay, Indonesian, Filipino, Thai, Turkish, Arabic, Spanish, Italian

DESIGN

Bezel Color/Material	Black/Plastic
Rear Cover Color/Material	Black/Plastic

CERTIFICATION

Safety	62368-1 / ISO-27701 / ISO-27001
EMC	Class B
Environment	Energy Star 8.0

POWER

Power Supply	AC 100-240V@50/60Hz
Power Consumption Max	95W
Power Consumption Typical	68W
Sleep Mode	<0.5W (Standby mode, Power saving)

OPERATING CONDITION

Temperature	0-45C / 32-113F
Relative Humidity	20-80%
Temperature (Storage)	-20~60°C/-4~140°F
Relative Humidity (Storage)	10-90% (without condensation)
Altitude	<5000m

ACCESSORIES

Included	Quick Setup Guide x1, Warranty Card x1, Power Cable x1, Remote Control x1, Battery x2
Optional Mount	WM32-65

WARRANTY

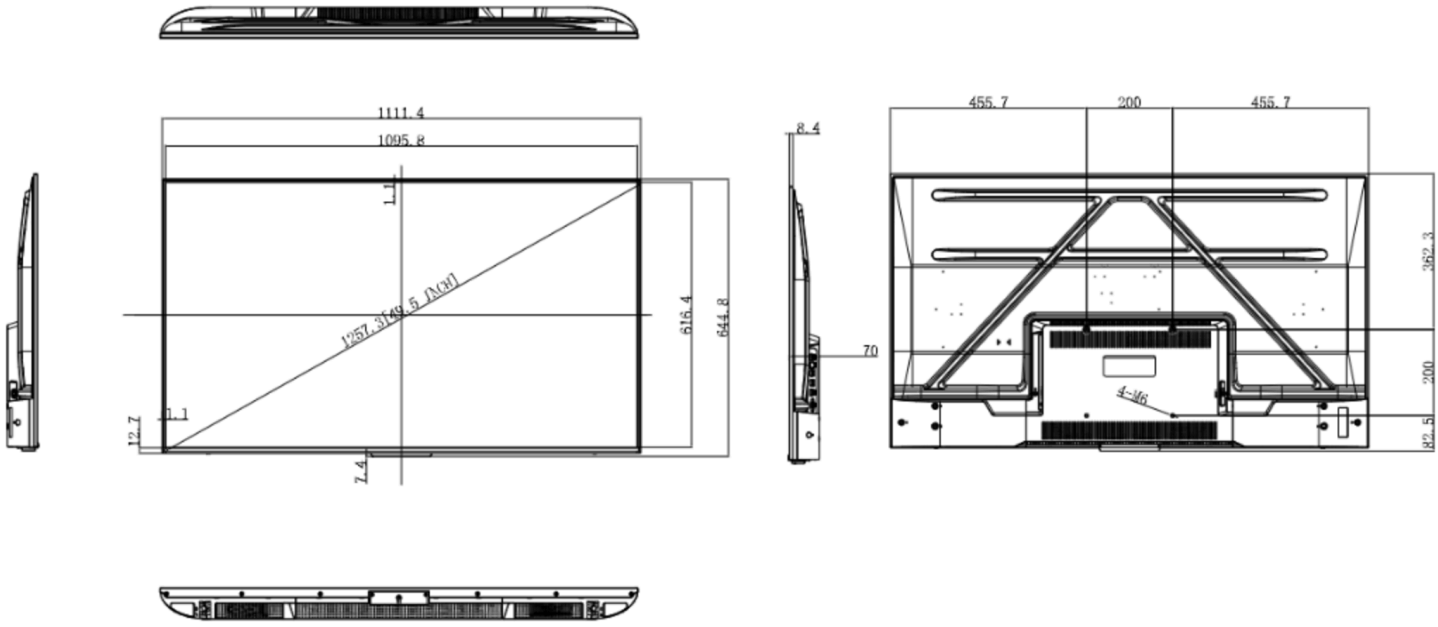
Warranty Period	3-Year Limited Warranty

PRODUCT DIMENSIONS

TE50N · 1111.4 x 70.0 x 644.8 mm. Dimensions exclude packaging. VESA mount: 200 x 200 mm. Optional wall mount: WM32-65.

* All product specifications are subject to change without notice.

MECHANICAL DRAWING



* All dimensions in millimetres. Drawings are not to scale and are subject to change without notice.