TCL

TM85N

Digital Signage 24/7

TMN SERIES

Professional Line SIZE: **85"**

PRODUCT HIGHLIGHT

Light Up Your Message

With its 500-nit brightness, this UHD signage presents content with exceptional clarity, ensuring maximum visibility for marketing campaigns in airports, retail spaces, and beyond.

Even Bezel & Slim Depth

Slim depth with even bezels on all four sides creates a clean, balanced look, ensuring seamless alignment in both landscape and portrait modes.

24/7 Operation

Engineered for 24/7 continuous operation, our displays deliver uncompromising reliability and performance around the clock, perfect for mission-critical environments.

3-Year Limited Warranty

Backed by a powerful warranty program, our 3-year coverage ensures your display performs reliably, giving you peace of mind and confidence in your investment.

Wide Color Gamut

DCI-P3 93% wide color gamut delivers vivid, lifelike colors with greater depth and realism.

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.

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Westan New Zealand
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TM85N · 85"

DISPLAY PANEL

Model	TM85N
Resolution	3840 x 2160
Brightness (Typ.)	500nit (Typ.)
Orientation	Landscape / Portrait
Haze	AG 25%
Contrast Ratio (Typ.)	5100:1
Type	VA
Color Gamut	72% NTSC
Operational Hour	24/7

CONNECTIVITY / SOUND

Input Video / Audio	HDMI 2.0 IN x2 (HDCP 1.4/2.2/2.3), DP 1.4 IN x1
Input Tuner	N/A
Output Video / Audio	AUDIO OUT x1 (3.5mm)
USB	USB 2.0 x1 (0.5A) + USB 3.0 x1 (1A)
WiFi / BT	2.4G/5G, Bluetooth Support
External Control	RS232 IN x1 / OUT x1
RJ45	10/100Mbps RJ45*1
Speaker	10W x2

MECHANICAL SPECS

Product Dimensions	1899.20 x 1079.70 x 31.90 mm
Package Dimensions	2060 x 1267 x 191 mm
Product Weight	50.6 kg
Package Weight	68.1 kg
VESA Mount	600 x 400 mm (Centered)
VESA Mount Screw (Min-Max)	M8 x 7.5mm
Bezel Width	10.4mm (Even)

FEATURES

Key	1 Key (Power Switch)
Operating System	Android 13.0
Processor	Quad-core ARM Cortex-A55
Storage (FDM)	32GB
CMS / S-W	TCL EShow 3.0 & Partner CMS
Memory	4GB

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)
Pixel Shift	Support
Security Lock	Support
Language	English, Chinese (Simplified), Chinese (Traditional), Tagalog, Vietnamese, Thai, Indonesian, Malay, French, Spanish, Italian, Turkish

DESIGN

Bezel Color/Material	Black/Metallic
Rear Cover Color/Material	Black/Metallic

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	220W
Power Consumption Typical	185W
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 Stand	N/A
Optional Mount	WM34-85

WARRANTY

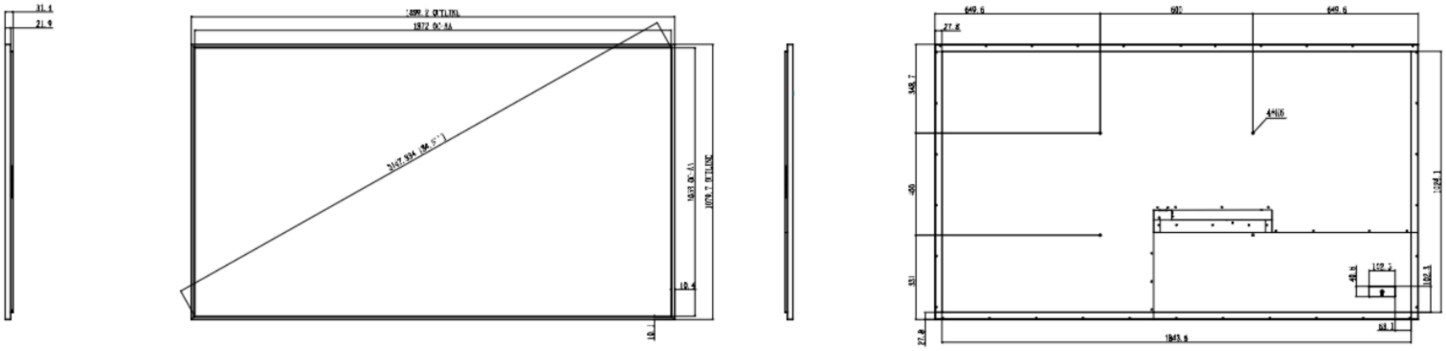
Warranty Period	3-Year Limited Warranty

PRODUCT DIMENSIONS

TM85N · 1899.20 x 1079.70 x 31.90 mm. Dimensions exclude packaging. VESA mount: 600 x 400 mm (Centered). Optional wall mount: WM34-85.

* 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.