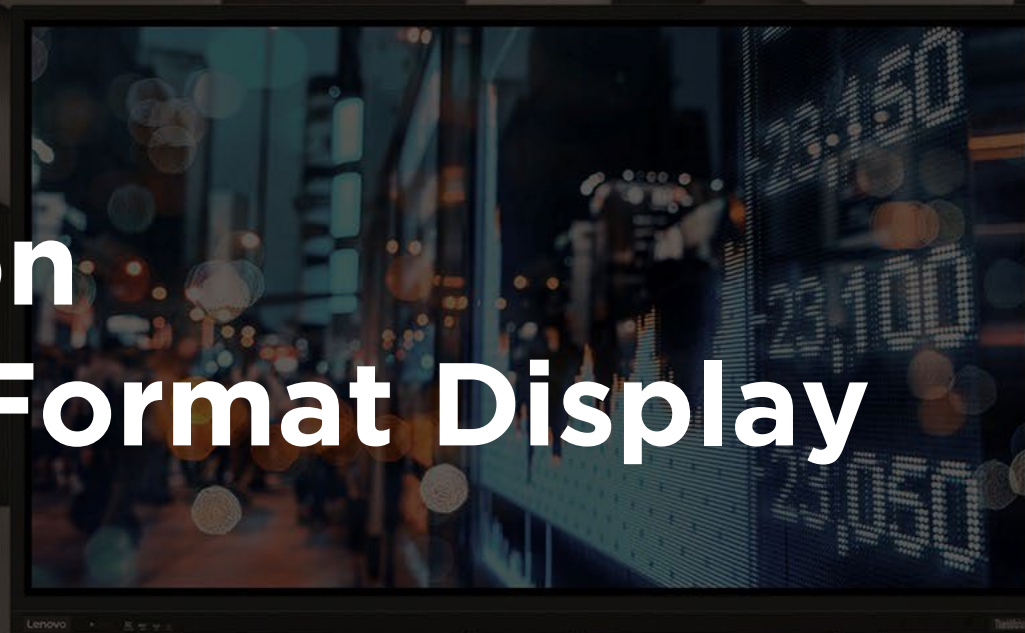# Lenovo ThinkVision Interactive Large Format Display T86 Datasheet

ThinkVision

Integrated Software with a Smart Interface

Smart System

Lenovo ThinkVision Interactive Large Format Display (iLFD) T86 puts you in control of every situation with an intelligent Android system environment that includes a powerful Launcher and smart tools to empower collaboration, making interaction effortless and intuitive. The Sidebars at the screen's edge help save precious seconds by getting you instantly to the functions you need. Click the More Apps icon at the bottom of the screen to view the full menu of installed applications.

Wide Range of Applications

ThinkVision iLFD T86 offers an ecosystem of applications with a familiar smart device user interface, letting you rapidly access the applications and tools you need to accomplish business tasks at hand.
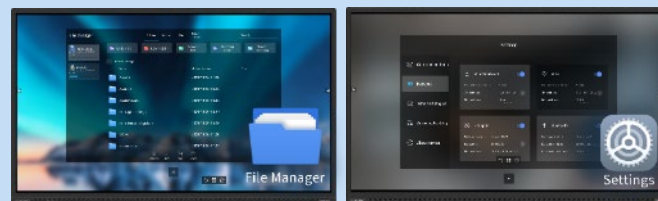
Smart Meetings

Users can empower both on-site or remote collaboration anytime with the pre-installed Smart Whiteboard and Lenovo Projection.
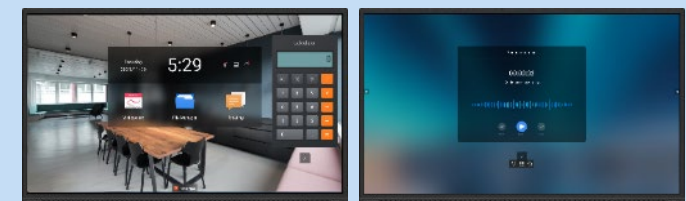
System Management

File Manager and Settings help users organize every document and customize a full range of device settings through a user-friendly interface.

Key Widgets

Useful widgets including screen & voice recording, calculator, calendar, and clock are available to help you achieve a more efficient workday.

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Work Smarter with Your Team

ThinkVision iLFD T86 is designed to deliver the most seamless collaboration experience and to help your brightest ideas be seen and heard by your teammates and business partners. Combining a vibrant display, flexible connectivity and easy, intuitive interaction, T86 helps teamwork become more efficient and smarter. Take a closer look at the features that make T86 an essential collaboration solution.

Vast & Vibrant Display

T86 gives you a bigger, better picture of your work, with a high-resolution 86-inch screen that features a wide color gamut for vivid color accuracy and 400 cd/m^2 brightness so that every detail can be seen clearly by all participants in the meeting room or office. Created for commercial collaboration, T86 provides exquisite static display for documents, pictures and slides, and ultimate visual enjoyment to audiences.

Better Engagement - Easier User Experience - More Effective Collaboration

- **Expand Your View**
  Large-format 86-inch display

- **Full Picture Clarity**
  4K resolution

- **True-to-life Colors**
  99% sRGB and 85% NTSC color gamut

- **Luminous Display**
  400 cd/m^2 brightness

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Flexible Connectivity & Compatibility

ThinkVision iLFD T86 features flexible connectivity and wide compatibility with devices through a diverse selection of ports. Besides connecting through cables, colleagues can also connect wirelessly through a simple USB dongle and share the screen effortlessly and instantaneously without all the cable clutter or hectic commotion, wherever the presenter sits in the meeting room.

Wireless Connection

- W20 dongle offers a wireless casting solution to support smart devices with different ports (USB-C, HDMI, USB-A), provides a clutter-free and tidy office environment.
- With no software installation needed, simply present content with the press of a button.
- Multi-display modes support screen mirroring, spare screen and other modes.

Two-way Sync Control

- Presenters can control the display through their smart devices, or vice versa by using touch gestures on the T86 screen. The users can also walk freely while presenting without all the back-and-forth.
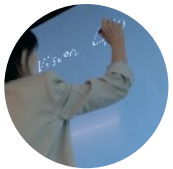

Wide Range of Ports

- Video ports (HDMI, DP or USB Type C) support high resolution video transmission.
- USB ports (USB 3.0, USB2.0) support wide range of connection to compatible peripheral devices, from camera to microphones and more.
- Network (RJ45) ports support a stable, secure internet connection.

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Unlocked Brainstorming Potential

Free-flowing thinking and exchange are key to effective brainstorming. Don't let your screen size hinder where your creative ideas can go. With the limitless, scalable writing space of ThinkVision iLFD T86 Smart Whiteboard, you have boundless room for your imagination and the tools to record every detail of your inspiration.

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Limitless & Easy Writing

T86 features **Smart Whiteboard** software with an infinite, scalable space, allows for intuitive note-making with a finger or stylus to highlight, move and erase notes in real time for a natural, lag-free writing experience.

Never Lose Track

The Whiteboard's **navigation window** ensures no matter how big their canvas, users never lose track of their notes.

Flexible Access to Info/Material

Documents shared through the wireless dongle will appear within the Whiteboard interface. Users can also embed browser windows, search the web for spontaneous inspiration, or view other projected documents as an auxiliary display with **multitasking features**.
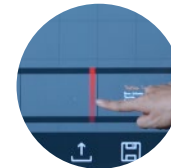
Smart Toolbar

To make things even more efficient, a **Smart Toolbar** tracks the user's position so that a menu of tools is always literally at their fingertips, saving priceless seconds in a fast-paced discussion.

Multi-user Friendly

With up to **20 points of touch input** at the same time, colleagues can write together, compare notes and build on each other's ideas instantly and simultaneously.

Writing History Playback

With an **on-screen recording system**, notes can be instantly rewound and played back to recap an important point in the meeting. And everything is captured for convenient review later.

Going Further for Remote Collaboration

Nuance in facial expression and voice can make all the difference to effective communication. ThinkVision iLFD T86's superior visual and audio capabilities, as well as its smart, intuitive operation, let virtual meetings finally measure up to the experience of face-to-face meetings.

Superb Video & Audio Clarity

T86 delivers incredible 4K resolution display for amazing picture quality and detail for video conferencing. Its built-in 8-mic array captures distinct sound and voice within 8 meters, paired with two built-in 15W speakers for wide-angle and crystal-clear audio - enabling highly efficient communication wherever the speaker sits in the meeting room.

AI-Powered Voice Tracking & Facial Recognition Technology

The AI powered voice tracking & facial recognition technology help to zoom in on the speaker's face, placing them at the center of the video feed, so there's no confusion about who is speaking amidst big meetings with multiple participants.

Designed for Ease-of-Use

The detachable camera with a 1/2.8-inch sensor records immersive 4K resolution video, with swivel & tilt functions to help you find the right angle based on how you prefer to be seen. Easily connect to the T86 through a single USB connector for a simple user experience and neat office environment.

User-Centric Experience

Presence Detection

To save time and energy, the display automatically turns on when participants enter the conference room and turns off when they leave.

Automatic Brightness Adjustment

The display's brightness is automatically adjusted to surrounding lighting conditions, so the picture is always perfectly balanced and comfortable on users' eyes, helping them focus on the screen's content while also saving energy when possible.

Privacy Functions

Obviously, people don't want to show themselves in front of the camera when they are not prepared. T86 protects you from unwanted moments with a privacy light and lens shutter. The traceless exiting function can help you delete all the corresponding files when you leave the meeting, avoiding omitted deleting.

A Longstanding Commitment to Sustainability

ThinkVision iLFD T86 considers the solutions office staff need now and the world they want to protect for the future.

T86 features an energy-saving design to reduce energy consumption costs, including dynamic power optimization and adjustment.

Cost Saving

Robust, anti-shatter components ensure better longevity of equipment, reducing the burden of cost to replace broken equipment and reducing waste simultaneously.

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Lenovo ThinkVision iLFD T86 Specs

DISPLAY

Panel Size	86-inch
Panel Type	VA
Backlight	DLED
Aspect Ratio	16:9
Active Area	1895.0 mm x 1066.0 mm
Resolution	3840 x 2160
Pixel Pitch	0.4935×0.4935 mm
Dynamic Contrast Ratio	3M:1
Viewing Angle (H x V @ CR 10:1)	178° / 178°
Response Time	6.5 ms (Typical)
Refresh Rate	60 Hz
Brightness (Typical)	400 cd/㎡
Contrast Ratio (Typical)	4000:1
Color Support (Typical)	1.07 Billion
Color Depth	10-bit
Color Gamut	99% sRGB 85% NTSC (CIE 1931)
HDR Compliance	HDR10
Anti-glare	Yes

TOUCH

Touch Technology	Infrared Touch
Multi-touch Capability	20 Touch Points
Touch Accuracy	1.0 mm
Glass Type	3.2 mm Touch Glass with Anti-glare
Glass Hardness	7 (Mohs)

SMART SYSTEM

Operating System	Android 9.0
CPU	Quad Core: ARM Cortex A73
GPU	ARM Mali-G52 MC2
Memory	4 GB
Storage	64 GB

CONNECTIVITY

Wired	LAN In (RJ45 In) LAN Out (RJ45 Out)
WIFI	IEEE 802.11 a/b/g/n/ac with 2×2 MIMO (Both 2.4 and 5GHz Bands)
Bluetooth	BT5.0

PORTS

Front Input Ports	1 x USB Type-C 1 x HDMI 2.0 1 x USB Type-B 1 x USB 3.0 Type-A
Bottom Input Ports	1 x AV In 1 x USB 2.0 1 x RS232 1 x HDMI 2.0 Out, Line Out SPDIF Out, Mic In, 1 x TF Card Slot 1 x LAN In (RJ45 In) 1 x LAN Out (RJ45 Out) 1 x PC Audio
Side Input Ports	1 x USB Type-C 2 x USB 3.0 Type-A 1 x DP In 3 x HDMI 2.0 In 1 x Touch USB 1 x VGA In 1 x AC Input 100-240v
Top Input Ports	1 x USB 2.0 Type-A
OPS Slot	Yes

MULTI-MEDIA

Web Camera	Detachable 4K 8MP Camera Support Voice Tracking AI Feature
Microphone	Yes (Array Microphone × 8)
Integrated Speakers	Yes (2 x 15W)
Sensor	Ambient Light Sensor × 1, Human Detection Sensor × 1

POWER

Power Consumption(Typ. / Max)	410W/ 350W
Power Consumption Sleep Mode	43W
Power Consumption Switch-off Mode	$\leq 0.5W$
Power Supply	Internal
Voltage Required	AC 100 to 240 V (50-60Hz)

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Lenovo ThinkVision iLFD T86 Specs

MECHANICAL

VSEA Mount	800.0 mm x 400.0 mm
Handle	4

DIMENSION

Size Packed (D × H × W, mm/inch)	275.0 x 1353.0 x 2119.0 mm 10.8 x 53.3 x 83.4 inch
Size Unpacked (D × H × W, mm/inch)	92.0 x 1209.2 x 1982.0 mm 3.6 x 47.61 x 78.0 inch
Packed Weight (With The W20 Dongle and The iLFD Detachable Camera)	88kg/194lbs.
Unpacked Weight	68kg/150lbs.

WHAT'S IN THE BOX

Display with Wall Mount Bracket	Yes
Detachable Camera	Yes
Wireless Projection Dongle	Yes
Power Cable (Cable Length)	1 x Power Cable
HDMI Cable (Cable Length)	1 x HDMI Cable
USB Cable (Cable Length)	1 x USB Type-B to Type-A Cable
Remote Control with Battery	Yes
Stylus	Yes, 2 Stylus
Quick Setup Guide	Yes
Warranty Booklet	Yes

- The compatible external source includes the operating systems Windows 10, Mac OS, and Linux.
- Wireless dongle is a compatible external device with operating systems including Windows 10, Android 8.0, iOS 11, and above.