

# Product Datasheet

Product Model: LX150V07



## Product Features

- ✧ Built-in high-performance processor, 8-core CPU + 4-core GPU + 6TOPs NPU
- ✧ 8GB RAM + 64GB ultra-large storage
- ✧ Side gap sound emission with a 6-chamber, 6-driver speaker system
- ✧ Support wireless Screen Sharing Function
- ✧ WiFi 6, AP and STA modes, and WiFi 6 dual-band 2.4G/5G are available
- ✧ Support Bluetooth 5.3 Function
- ✧ Four-way HDMI input, enabling PBP, PIP, and POP video processing capabilities
- ✧ HDMI 2.0 output, realizing dual-screen display of different contents
- ✧ Expandable built-in PC, making easy integration of Windows system
- ✧ Built-in Android 13.0 system and Apps
- ✧ Support various scene modes for different application scenarios
- ✧ Built-in light sensors for intelligent space sensing, allowing for automatic brightness adjustment
- ✧ Overall standby power consumption  $\leq 0.5W$
- ✧ Fully front access and hot swapping available
- ✧ Support adjustment modes via Wi-Fi, network cable and USB connection
- ✧ Built-in RS232(RJ45) interfaces can realize remote centralized control function
- ✧ All-in-one ultra-slim and lightweight design. The thickness of the Module is 28mm
- ✧ Meet the RoHS directive requirements both in China and EU

## Product Parameter

### Overall Parameter

|                              |                                                  |
|------------------------------|--------------------------------------------------|
| Size                         | 150 inch                                         |
| Aspect Ratio                 | 16:9                                             |
| Pixel Pitch                  | 1.7 mm                                           |
| Resolution                   | 1920×1080                                        |
| Overall Size (L×H)           | 3360×1998mm                                      |
| Display Area (L×H)           | 3330×1873mm                                      |
| Screen Thickness             | 28mm                                             |
| Net Weight                   | 131kg( wall-mounting bar and stand not included) |
| Recommended Viewing Distance | ≥3.4m                                            |
| Maintenance Mode             | Front Access                                     |
| Installation Mode            | Mobile stand,Stand, Wall-mounting                |

### Optical Parameter

|                   |                                        |
|-------------------|----------------------------------------|
| Brightness        | 100~600cd/ m <sup>2</sup> (Adjustable) |
| Refresh Rate      | 3840Hz                                 |
| Gray Scale        | 13~16bit                               |
| Contrast          | 6500:1                                 |
| Color Temperature | 2300~9300K(Adjustable)                 |
| Viewing Angle     | Horizontal 160°, Vertical 140°         |
| LED Lifespan      | ≥100,000hrs                            |

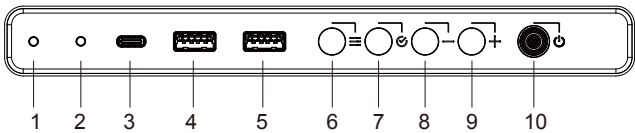
| Electrical Parameter                      |                                                                                                                                                                                                        |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operation Voltage                         | 100~240VAC 50/60Hz                                                                                                                                                                                     |
| Standby Power                             | ≤0.5W                                                                                                                                                                                                  |
| Average Power Consumption of Overall Unit | 0.575KW                                                                                                                                                                                                |
| Maximum Power Consumption of Overall Unit | 1.916KW                                                                                                                                                                                                |
| System Parameter                          |                                                                                                                                                                                                        |
| Operating System                          | Android 13.0                                                                                                                                                                                           |
| CPU                                       | Four Cortex-A76+ four Cortex-A55, frequency 2.4GHz                                                                                                                                                     |
| RAM                                       | 8GB                                                                                                                                                                                                    |
| Storage                                   | 64GB                                                                                                                                                                                                   |
| Media Format                              | Support mainstream video format such as MPEG-1,MPEG-2,MPEG-4,H.263,H.264,H.265,VC-1,VP9,VP8,MVC,AV1;<br>Support audio formats such as MP3;<br>Support JPG, JPEG, BMP, PNG, GIF and other image format. |
| Environmental Parameter                   |                                                                                                                                                                                                        |
| Operation Temperature                     | -10℃~40℃                                                                                                                                                                                               |
| Operation Humidity                        | 10%~80%RH No condensation                                                                                                                                                                              |

## I/O Ports

| Type                                | QTY                        |
|-------------------------------------|----------------------------|
| HDMI IN<br>(HDMI2.0 *1, HDMI1.4 *3) | 4 (2 internal, 2 external) |
| HDMI OUT                            | 1(external)                |
| POE                                 | 1(internal)                |
| USB 2.0                             | 1(internal)                |
| USB 3.0                             | 2(external)                |
| Type C                              | 1(external)                |
| 3.5 Audio Output                    | 2(1 internal, 1 external)  |
| 3.5 Audio Input                     | 1(external)                |
| RJ45 (RS232 Protocol)               | 1(internal)                |
| USB Out                             | 1(external)                |
| LAN                                 | 2(internal)                |

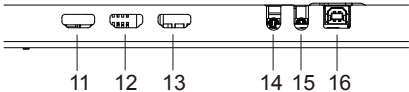
USB Out\* is recommended for scenarios where the computer serves as the input source. By connecting directly to the computer via USB Out, it enables functionalities such as reading USB data.

Built-in Interface

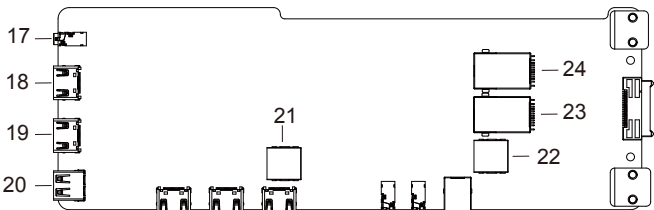


Forward Facing

| NO. | Description                                                                                                                                                                                              |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Light Sensor (intelligent space sensing, allowing for automatic brightness adjustment)                                                                                                                   |
| 2   | IR                                                                                                                                                                                                       |
| 3   | Type C                                                                                                                                                                                                   |
| 4   | USB 3.0                                                                                                                                                                                                  |
| 5   | USB 3.0                                                                                                                                                                                                  |
| 6   | Menu Button (including brightness, color temperature, contrast, sound, signal source and other sub-menus)                                                                                                |
| 7   | Bright/OK (1.When the menu is Not called up, it is the brightness adjustment button,and the + and - keys are used to adjust the brightness; 2.When the menu is called up, it is used as confirm button.) |
| 8   | 1. In the brightness adjustment mode, it is the brightness reduction key;<br>2. When the Menu is called up, it is the left/down/minus key<br>3. The default is the volume down button                    |
| 9   | 1. In the brightness adjustment mode, it is the brightness increase key;<br>2. When the menu is called up, It is the right/up/Add key;<br>3. The default is the volume up button.                        |
| 10  | Standby/Wake up button, dual-color indicator light (red/blue)                                                                                                                                            |



Downward Facing



Internal

| NO. | Description                                                                                                                                        |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 11  | HDMI Input (HDMI 1.4)                                                                                                                              |
| 12  | HDMI Input (HDMI 1.4)                                                                                                                              |
| 13  | HDMI Output (HDMI 2.0)                                                                                                                             |
| 14  | 3.5mm Audio Output                                                                                                                                 |
| 15  | 3.5mm Audio Input                                                                                                                                  |
| 16  | USB Out (The computer can access to USB devices connected to panel , when connected to the Raptor through HDMI input and USB out at the same time) |
| 17  | 3.5mm Audio Output                                                                                                                                 |
| 18  | HDMI Input (HDMI 2.0, supports CEC)                                                                                                                |
| 19  | HDMI Input (HDMI 1.4)                                                                                                                              |
| 20  | USB 2.0                                                                                                                                            |
| 21  | RJ45 (Support RS232 Protocol)                                                                                                                      |
| 22  | RJ45 (with POE+ up to 30W, for Connection with MAXHUB PTZ Camera)                                                                                  |
| 23  | RJ45 OPS LAN                                                                                                                                       |
| 24  | RJ45 Android LAN                                                                                                                                   |

Introduction to remote control

| Button Icon                                                                         | Introduction          |  |
|-------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|
|    | Standby/Wake up       |                                                                                      |
|    | Up                    |                                                                                      |
|                                                                                     | Down                  |                                                                                      |
|                                                                                     | Confirm               |                                                                                      |
|                                                                                     | Left                  |                                                                                      |
|                                                                                     | Right                 |                                                                                      |
|    | Volume +              |                                                                                      |
|  | Volume -              |                                                                                      |
|  | Return                |                                                                                      |
|  | Brightness Adjustment |                                                                                      |
|  | Menu                  |                                                                                      |
|  | Home Screen           |                                                                                      |

## Accessories

|                               |           |
|-------------------------------|-----------|
| Remote Control                | 1         |
| Front Maintenance Tool        | 1         |
| Tool kit                      | 1         |
| Wall-mounting Bar             | 1         |
| Stand (optional)              | ST90/ST92 |
| Radar Touch Module (optional) |           |
| PC Module (optional)          | LMT71A    |

## Packing Dimension

| Item                                                            | Dimension       | Quantity |
|-----------------------------------------------------------------|-----------------|----------|
| Screen And Module Dimension(wooden box)                         | 2170×680×1255mm | 1        |
| Lower Frame And Wall-mounting Bar Packing Dimension(wooden box) | 2135×562×509mm  | 1        |

### Note:

- ◆The content of this specification may be adjusted and revised in real time without prior notice to provide as accurate specification parameters as possible.
- ◆This product is an indoor product. It is strictly prohibited to use it in direct sunlight.
- ◆In order to ensure long-term and more uniform display effect, do not play fixed images for a long time.
- ◆For enhanced safety, it is advisable to switch off the LED display using either the designated button or the remote control before a power outage occurs.

## Special Statement

- ◆Intellectual Property Rights: The hardware design and software programs of this product protected by copyright. The contents of this product and the manual shall not be copied without the authorization of the company.
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