# IR Touch Display

## Product Model: DT-I65

\* This file contains all the parameter data information. The parameter information of this series of standard models does not represent all the parameters and data of our series. The actual parameter data should be based on the specific model signed with the sales.

# I Product overview

### 1. System

➢ Equipped with MSD6190HB chipset, applying to teaching, training, commercial market and so on ;

### 2. Outward appearance and touch function

➢ Ultra-slim 12mm three equal frames design, matte space gray;

➢ Support high-speed IR 20 points touch, ±2 mm accuracy, 3 mm touch height, front detachable touch module;

➢ In order to facilitate the use in the lecture, the front of the screen is equipped with 2 front USB2.0 interface for Windows;

➢ The dual-channel high-power audio is embedded directly in front of the tablet to ensure that the output sound quality is clear and bright, and the sound effect is distinct;

➢ Explosion-proof tempered glass, Mohs grade 7 hardness, safety and security; anti-glare glass for better writing experience (optional);

➢ USB peripherals are fully compatible, such as USB storage, USB printing devices, encrypted electronic verification devices, touch interactive devices, high-speed scanners, electronic whiteboards and touch-sensitive electronic large screens can be operated smoothly, high-speed camera (or camera) shooting You can adjust the angle of the paper at will. There will be no obvious jams or stagnation in the picture transmission. Connected touch-type interactive devices can support smooth multi-touch.

# II Product Parameter

### 1. Specification

| | | |
|---|---|---|
| | Size | 65" |
| | Backlight type | D-LED |
| | Resolution | 3840*2160 |
| | Brightness | 350cd/m² |
| | Contrast ratio | 4000:1 |
| | Response time | 6ms |
| | Dot pitch | 0.124×0.372 mm (H×V) |
| | Refresh rate | 60 Hz |
| Screen | View Angle | 178°(H) / 178°(V) |
| | Saturation (x% NTSC) | 72 % |

| | | |
|---|---|---|
| | Display area | 1428.48mm*803.52mm |
| | Colors | 1.07B(8bit) |
| | Screen life | 60,000 hrs |
| Mainboard | Chip set | MSD6190 |
| Power | Input voltage | 100 V ~ 240 V/AC, 50/60 Hz |
| | Max consumption(without OPS) | ≦180W |
| | OPS power input | 19V(DC)/5A |
| Power supply | Standby consumption | <0.5W |
| | Power input port (AC) | *1 |
| Function | Speaker power | 10W * 2, 8Ω |
| | Power switch | *1 |
| Motherboard I/O | USB2.0 | *3 (including front 2 for PC) |
| | HDMI IN | *2 |
| | VGA IN | *1 |
| | VGA AUDIO IN | *1 |
| | EAPRHONE | *1 |
| | Touch USB | *1 |
| | AV IN | *1 |
| | AV OUT | *1 |
| | SPDIF OUT | *1 |
| | RS232 | *1 |
| Environment | Working TEMP | 0℃ ~ 40℃ |
| | Storage TEMP | -10℃ ~ 60℃ |
| | Working humidity | 20% ~ 80% |
| | Storage humidity | 10% ~ 60% |
| | Recommended max usage time | 18 Hours * 7 days |
| Structure | N/W | 41Kg±1.5Kg |
| | G/W | 50Kg±1.5Kg (carton) |
| | Product dimension (L*W*H) | 1485.6*903*109.6MM |
| | Packing dimension (L*W*H) | 1600mm*215m*1025mm (carton) |

| | | |
|---|---|---|
| | VESA  hole site | 4-M8 hole site400mm*200mm |
| | Frame & shell material | Aluminum profile / sheet metal |
| | Frame & shell color | All Sliver |
| System language | OSDMenu | Simplified Chinese/English |
| Packing accessories | Whiteboard pen | *1 |
| | Remote controller | *1 |
| | User manual | *1 |
| | Quanlity certificate / warranty card | *1 |
| | 3m power cable | *1 |
| | Wall mount rack (including screws) | *1 (set) |

## II Touch and write parameter

### 1. Product description

High-precision infrared touch frame; by interpolation algorithm the resolution can be up to 32768*32768; support plug and play; support 20 points touch.

### 2. Main parameter

| | | |
|---|---|---|
| Touch parameter | Touch type | IR |
| | Glass type | 4mm Explosion-proof tempered glass |
| | Response time | <6ms |
| | Touch accuracy | ±2mm |
| | Touch diameter | ≥3mm |
| | Input method | Finger or pen |
| | Theoretical touch times | Unlimited |
| Interface | USB 2.0  Full speed | |
| Power | DC+5V±6% | |
| Consumption | ≤2 W | |

**Product structure diagram (wall hanging hole 400*200+478)**