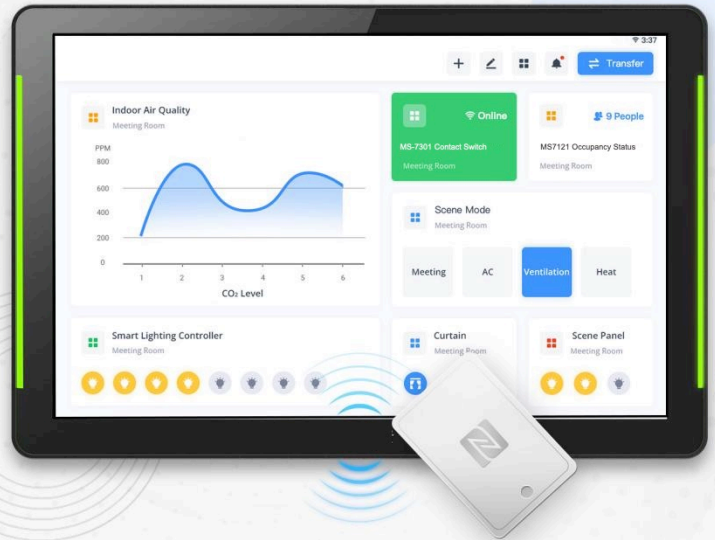


# MoviSight

## MS-7DS7610

# LoRaWAN® IoT Display



Office



Restroom



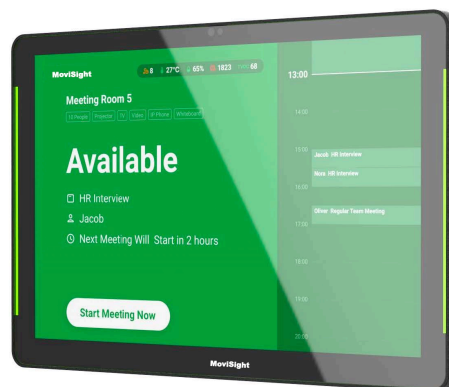
Hospital

## ◆ Introduction

MoviSight MS-7DS7610 IoT Display brings customers simplicity and a user-friendly experience in managing rooms' conditions with one tap. As an advanced IoT solution, MS-7DS7610 has a built-in LoRaWAN® gateway and NFC to manage MoviSight LoRaWAN® sensors and display intuitive data and the status on the screen.

More significantly, the 10.1-inch capacitive touchscreen display allows users to see and customize the user interface with easy settings and smooth screen switching. Customizable stepless adjusted RGB LED indicators of MS-7DS7610 can show the real-time room availability instantly even from a distance.

MS-7DS7610 also supports 3rd-party Android applications, allowing users to install applications as needed, such as Meeting Room Booking Systems, Visitor Appointment Systems, Smart Restroom Management Systems, and more.



## ◆ Features

- Quad-core industrial processor with big memory
- Straightforward user interfaces presented on 10.1-inch capacitive touch screen with customizable stepless adjusted RGB LED indicators on the sides
- Customizable branding logo and background image appearing on the screen
- Plug-and-play PoE, DC power, or Type C power supply available
- Provides easy installation, flexible mounting options, and specialized design to hide wires
- Equipped with NFC for MoviSight LoRaWAN® nodes configurations, ID identifications, contactless meeting check-in, etc.
- Support extra DI/DO/RS485 industrial serial ports via optional docking station
- Built-in one-channel SX1262 LoRaWAN® gateway module is well-qualified to manage end nodes indoors, showcase intuitive status, streamline management, and simplify control and maintenance
- Provide SDKs to develop and install 3<sup>rd</sup>-Party Android applications and allows to customize systems
- Provide application customization services including Meeting Room Booking System, Visitors Appointment Systems, Smart Restroom Management System and more
- Built-in ambient light sensor and proximity sensor automatically adjust the screen's brightness according to external light conditions for saving energy

## ◆ Specifications

### Display

LCD Screen 10.1-inch TFT LCD Touch Screen

Resolution 1280 x 800 Pixels

Active Area 216.58 (L) x 135.36 (H) mm

Screen-to-body Ratio 74.88%

Aspect Ratio 16:10

Contrast Ratio 1000:1

Luminance 300Cd/m<sup>2</sup>

LED RGB Side LED Indicators, Stepless Adjustment

### Hardware System

CPU Quad-Core ARM Cortex-A55

Memory 2GB DRAM

Flash	16GB eMMC
Expansion Storage (Optional)	Equipped with micro SD Card (8GB/16GB/32GB/64GB/128GB)
Operating System	Android 11.0

## Connectivity & Interface

### LoRaWAN®

Channel	1
Frequency Band	CN470/IN865/EU868/RU864/US915/AU915/KR920/AS923-1&2&3&4
Sensitivity	-137dBm
Output Power	19dBm (470 MHz) /16dBm (868 MHz)/22dBm (915 MHz)
Protocol	V1.0.3 Class A/Class C

### Others

Wi-Fi	IEEE 802.11 b/g/n, 2.4 GHz IEEE 802.11 a/n/ac, 5 GHz
Bluetooth	Bluetooth 5.0
Ethernet	1 x RJ45 10/100/1000 Mbps Ethernet Port (PoE PD Supported)
Type-C	OTG or Host Mode
Speaker	1.5W

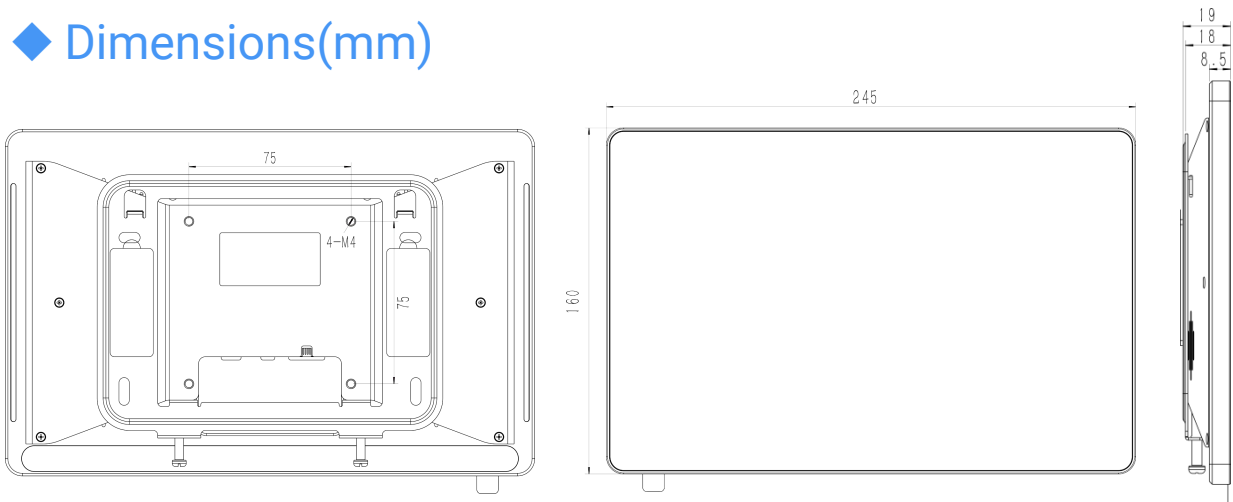
## Sensors & NFC

Proximity Sensor	Detection Distance: 1 m (Max.)
Light Sensor	5 Brightness Level Adjustment
NFC	13.56 MHz

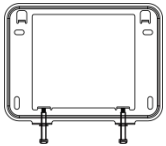
## Physical Characteristics

Power Supply	1. 802.3af PoE 2. 12V/1A by DC Jack Connector 3. 5V/2A by Type-C Port
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Operating Humidity	0% to 95% (Non-condensing) Below 25°C/77°F
Ingress Protection	IP30
Color & Material	Black, Metal
Dimensions	245 (L) x 160 (H) x 18 (D) mm
Weight	0.65 kg (Without Bracket), 0.7kg (With Bracket)
Installation	Wall Mounting, 3M Tape Mounting, VESA Desktop Stand Mounting (75 x 75mm)

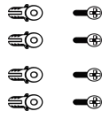
## ◆ Dimensions(mm)



## ◆ Accessories



1 × Wall Mount Bracket



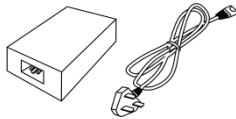
4 × Wall Mounting  
Screw Kits



4 × VESA Mount Screws



2 × Adhesive Tapes



1 × PoE Injector  
**(Optional)**

**\*Note:** Contact us if you need any other special accessories or customized accessories.