

# EBAD55 E

## 55-inch outdoor vertical digital signage

windows version

### Tech specification

### Catalogue

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| version      | drawing    | audit |
|--------------|------------|-------|
| 55-Windows   |            |       |
| Revised date | 2025-07-18 |       |



## Product Description

- ◆ Suitable for all outdoor environments, with features such as waterproof, dustproof, moisture-proof, explosion-proof, anti-theft, lightning protection, high-definition and high-brightness, leakage protection, etc.
- ◆ The brightness can be automatically adjusted according to the environment to reduce light pollution.
- ◆ Can set timer on and off by day, week, month.
- ◆ **Intelligent temperature control system:** can automatically adjust the heat dissipation effect of the equipment according to the internal temperature of the equipment.
- ◆ **Structural design:** the shell is made of 1.0-2.5mm high-quality galvanized sheet, sprayed with outdoor special powder, and the outdoor anti-corrosion is more than 7 years.
- ◆ **Waterproof design:** the shell structure is designed with waterproof groove and waterproof labyrinth of air inlet and outlet holes, meeting the protection level of IP65.
- ◆ **Dustproof design:** The air inlet and outlet are designed with special dust-proof filter (medium and high efficiency dust-proof filter) to filter the fine dust in the air and prevent mosquitoes from entering the device.
- ◆ **Anti riot glass:** 6mm high permeability fully tempered glass is used as the protective tempered glass in front of the screen of the whole machine, with the light transmission coefficient  $> 95\%$ .
- ◆ **Anti theft design:** equipped with anti-theft door lock (padlock can be added, double anti-theft) to truly achieve anti-theft security. The fixing method is to fix the bottom expansion screw or embedded parts.
- ◆ High brightness, with air cooling system, and multi split screen display mode.

## Display parameter

|                |                                 |
|----------------|---------------------------------|
| Brand          | EASYBOARD - MITHOS              |
| Model          | EBAD55 E                        |
| Screen Size    | 55inch                          |
| Resolution     | 3840*2160                       |
| Angle of view  | 178°/178°                       |
| Contrast ratio | 3500: 1                         |
| Display size   | 684(H) x 1213(V)mm              |
| Display rate   | 16:9                            |
| Back light     | LED                             |
| Brightness     | $\geq 2500\text{cd}/\text{m}^2$ |
| Refresh rate   | 60HZ                            |
| Color          | 16.7M(8-bit)                    |

|                      |                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------|
| Response time        | 6ms                                                                                           |
| Life span            | 50000h                                                                                        |
| Smart photosensitive | The intensity of outdoor light automatically adjusts the brightness of the LCD display screen |

#### Touch parameters (Optional)

|                |                     |
|----------------|---------------------|
| Technology     | Infrared touch      |
| Touch point    | 20 points           |
| Touch mode     | Finger or touch pen |
| Touch accuracy | $\leq 2\text{mm}$   |
| Service life   | 60 Million touch    |
| Drive mode     | Driver-free         |
| Camera         | 500MP               |

#### System configuration

|                  |                                            |
|------------------|--------------------------------------------|
| Operation system | Windows10/11                               |
| Version          | Intel i3                                   |
| RAM              | 4G                                         |
| SSD              | 128G                                       |
| RAM              | 2GB                                        |
| Interface type   | DC*1 USB*4 RJ45*1 Audio*1 VGA*1 HDMI*1     |
| Audio interface  | 3.5mm ear jack*1                           |
| Network          | 1pc, 10M/100M Adaptive Ethernet            |
| WIFI、BT          | Built in WIFI (2.4G single-signal) , BT4.2 |
| 3G/4G            | Choose to install                          |

#### System Function

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Decoding Capability  | Supports 4K video and picture decoding and playback |
| Software application | Support to install the third-party software         |
| Language             | Italian, English etc language                       |
| Other:               | Support to customize                                |

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Infrared remote control | Operate system by remote control                                         |
| Audio function          | Support left/right channel output,built-in double 8Ω/15W power amplifier |
| Power-on/off            | Remote control/timing/network wake-up/self-start                         |
| System authorization    | Allow root permission and customize software development                 |
| Mouse mode              | support wired/wireless mouse or use keyboard                             |
| System update           | Support local and remote upgrade                                         |
| Play mode               | Audio: MP3,WMA,WAV, APE, FLAC, AAC, OGG,M4A,3GPP etc                     |
|                         | Picture: JPG、BMP、PNG etc                                                 |
|                         | Video: AVI, rm, rmvb, MKV, WMV, MOV, MP4 etc                             |
| Typing                  | Standard Android keyboard as default,can install the third party typing  |
| More functions          | follow instruction manual/video or contact supplier                      |

#### Software function

|                         |                                                                               |
|-------------------------|-------------------------------------------------------------------------------|
| Background support      | Web/mobile IE (local network/WAN)                                             |
| Play mode               | Networking/standalone                                                         |
| Play support            | video、picture、subtitles、PPT、web、weather、clock etc mixture to play             |
| Smart splicing          | support custom playing modes to splice as setting                             |
| Timing function         | support to set playing custom program in time period                          |
| Terminal administration | Administrator can create and modify account for level-to level administration |
| More function           | follow instruction manual/video or contact supplier                           |

#### Machine parameter

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Color             | black white                                                                                |
| Body Material     | Using 1.2-2.5mmSGCC high-quality galvanized steel plate                                    |
| Protection grade  | IP65                                                                                       |
| Protective glass  | 6mm explosion-proof glass (AG anti-glare/AR anti-ultraviolet optional)                     |
| Cooling by design | Intelligent direct ventilation (forced air cooling) heat dissipation system                |
| Energy saving     | Intelligent temperature control cooling system automatically adjusts wind speed and volume |
| dust proof        | High-precision filtration system blocks 99% of dust particles                              |

|                  |                                           |
|------------------|-------------------------------------------|
| Product size     | 2000*950*150mm (with base)                |
| Base size        | 800*500*60mm                              |
| Packing size     | 2080*960*295 mm                           |
| Bracket          | Universal for horizontal/vertical hanging |
| Packing material | Carton                                    |
| Net/gross weight | 90KG/92KG                                 |
| Install ways     | mount-on wall/embedding/hang/bracket      |

### Electrical features

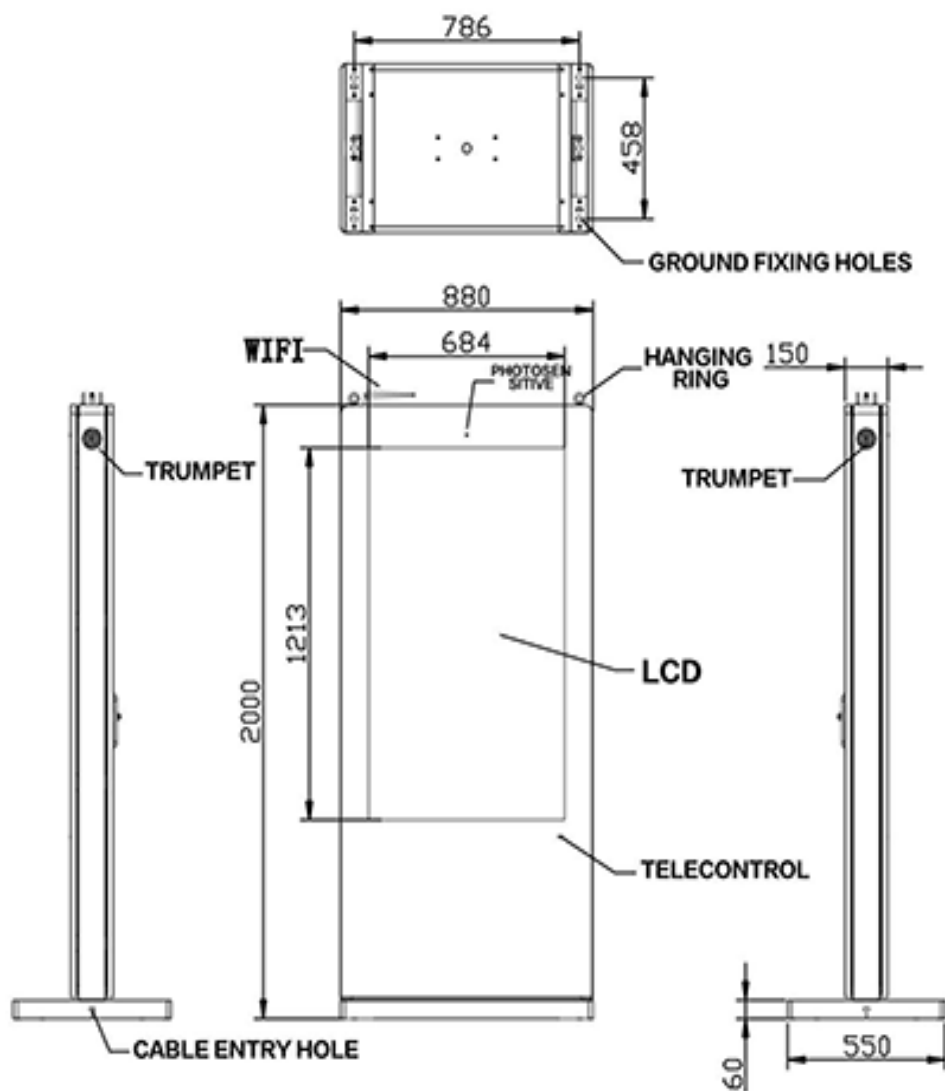
|                           |                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------|
| Scenarios                 | Outdoor                                                                                  |
| Rated Voltage             | AC100V-240V                                                                              |
| Rated power               | $\leq 100W-410W$                                                                         |
| Suitable Environment      | -20℃ to +55℃ outdoor environment operation                                               |
| Time switch               | Support 16 groups of timed on/off, repeatable settings, timed on/off by day, week, month |
| Lightning protection      | Level 3                                                                                  |
| Leakage protection switch | Disconnect the circuit promptly when leakage occurs                                      |

### Packing List

|                                         |     |
|-----------------------------------------|-----|
| 55inch outdoor vertical digital signage | 1pc |
| Power cable                             | 1pc |
| Remote control                          | 1pc |
| WiFi antenna                            | 1pc |
| Warranty card                           | 1pc |

Diagram

**EBAD55 E**



HD display



Intelligent split screen



Link WiFi



Remote management

**178°**

Super wide Angle



Loop play



Timing switch



USB flash drive import