STARK TOUCH DEVICE

# 98-inch Floor-standing Outdoor Interactive Kiosk

## Features:

- 24-hour continuous operation
- IP65 waterproof and dustproof
- High temperature resistant design
- Anti-thunder, anti-creeping & anti-theft
- Ultra-wide 178° viewing angle
- Low power consumption, energy saving
- Auto light sensing brightness adjustment
- 16:9 TFT-LED FHD display panel
- 6mm full tempered explosion-proof glass
- Intelligent temperature controlled air cooling system
- RK3288 quad-core CPU, Android 7.1 system
- 2GB RAM + 32GB storage, SD card expandable
- LAN / WiFi / 4G network optional
- Standard non-touch version, touch function optional



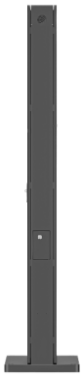


We offer outdoor digital signage in full sizes ranging from 21.5 inch to 98 inch, all sharing identical core performance and structural features.

Standard model is non-touch display version, with capacitive waterproof 10-point touch available as an optional upgrade.

Featured with IP65 waterproof and dustproof, high brightness sunlight readable screen, 6mm tempered explosion-proof glass, intelligent temperature control heat dissipation and auto brightness adjustment.

Built with lightning-proof, anti-leakage and anti-theft design, it supports 24-hour stable operation, adapts to harsh outdoor environments, ideal for commercial advertising and public information release.







| Display parameters | |
|---|---|
| Screen diagonal (Inch/mm) | 98 inch/2489.20 |
| Display active screen size (mm) | 2169.53×1120.36 |
| Aspect ratio | 16:9 |
| Physical resolution | 4K 3840 (RGB) ×2160 (FHD) |
| Refresh rate | 60Hz |
| Brightness (cd/m²) | 2500 |
| Contrast | 1500:1 |
| Response time (ms) | 6 |
| Visual Angle horizontal/vertical (°) | 178° /178° |
| Display protection | 6mm full tempered high explosion-proof glass |
| Backlight / Backlight Lifetime (hours) | LED / 50000 |
| Brilliance control | Light sensing senso(Energy saving) |

| Motherboard configuration/interface | |
|---|---|
| CPU | RK-3288 Cortex-A17, 4-core, 1.8GHz |
| Operating system | Android 7.1 |
| Running memory | 2GB |
| Storage | 32G |
| Storage Expansion | Supports up to 32GB SD card expansion |
| Network | LAN/WiFi/4G module (optional) |
| Bluetooth | optional |
| Interface | USB2.0×2 HDMI Out×1 |
| | HDMI In (optional) MicroPhone ×1 |
| | Audio output×1 SD card×1 |
| | Horn: 8 Ω 10W * 2 |

| Packaging specifications | |
|---|---|
| Product weight | 282 KG |
| Packaging specifications | Mainly based on physical products (standard packaging is made of pearl cotton) |
| Wooden case packing | mainly based on physical objects |

| Power supply | |
|---|---|
| Input voltage | AC110-220V |
| Working power consumption | ≤1590 W |
| Standby power consumption | ＜3W |

| Structural parameter description | |
|---|---|
| Installation method | wall mounted |
| External dimensions | See the external dimension diagram |
| Color | Black/White/Red/Silver Grey/Dark Grey/Customized |
| Material | 1.5mm galvanized steel sheet.Baking lacquer process |
| Protection level | IP65 |
| Waterproof | Three-layer composite sealing strip |
| Dust prevention | 3M high air volume filter |
| Anti theft | three-level door lock protection, hidden screw design |
| Explosion proof | 6mm full tempered high explosion-proof glass |
| Anti rust and anti-corrosion | High-strength galvanized steel sheet |

| Heat dissipation method description | |
|---|---|
| Heat dissipation method | intelligent temperature controlled air cooling system |
| Temperature protection | supports high temperature protection |
| Fan | Industrial grade high air volume silent fan,supporting speed regulation and noise reduction (energy-saving) |

| Touch (optional) | |
|---|---|
| Touch type | G+G capacitive waterproof touch |
| | G+F nano waterproof touch |
| Point count | 10 points |
| Touch accuracy | 99% accuracy |
| Operating system | Windows/Android/MacOS/Linux/ HarmonyOS |
| Working temperature | -30 ℃ -60 ℃ |

| Work environment | |
|---|---|
| Working temperature | -10℃ -50℃ (if the ambient temperature is below -10℃, it is recommended to choose a heater |
| Working humidity | 5% -90% |
| Storage temperature | -20 ℃ -60 ℃ |
| Storage humidity | 10% -85% |

## Core technology

| NO. | Name | picture | Description |
|---|---|---|---|
| 1 | Time controlled switch |  | With a microcontroller chip as its core, the power switch controller supports presetting 20 on/off time schedules daily or weekly. Built-in rechargeable Ni-MH battery serves as backup power, maintaining timing display and data storage for over 9 months after power disconnection. |
| 2 | Lightning protection device |  | Designed to protect low-voltage power grids and electrical equipment from lightning and surge overvoltage damage, it serves as an ideal overvoltage protection device. |
| 3 | Anti leakage device |  | Anti leakage, safer to use |
| 4 | Cooling system | —— | Built-in temperature sensor accurately detects internal temperature changes. The temperature control system intelligently adjusts fan speed accordingly for energy saving. |
| 5 | Brightness control | Auto ISO | Built-in photosensitive probe automatically adjusts LCD brightness based on ambient light intensity, supporting auto and manual modes. |

## Drawing

| | 比例：1:40 | 零件名称：98寸立式竖屏户外广告机(0697-HW) | 材料名称： | 数量<br>件 |
|---|---|---|---|---|

