

SmartMedia



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1. Presentation

•Details

1. **42" SEMI-OUTDOOR interactive kiosk, resistant to water and external dust with IP55 certification**
2. **Model: KIO-42-HO**



2. Product introduction

2.1 Function

A. All-Weather proof

- > Protection Grade: IP55
- > Waterproof enclosure made from galvanized steel sheet +Dupont outdoor powder-coating
- > Modular design, easy to maintain
- > AR bonding TM-protection glass, anti-glare and vandal-proof

B. Works in an outdoor environment.

- > Ventilated cooling system, integrated cooling and heating, works continuously 24/7 in temperatures of -4 to +122 ° F
- > Patented thermal technology, makes the LCD visible in direct sunlight and protects it from heat

C. Sunlight Readable

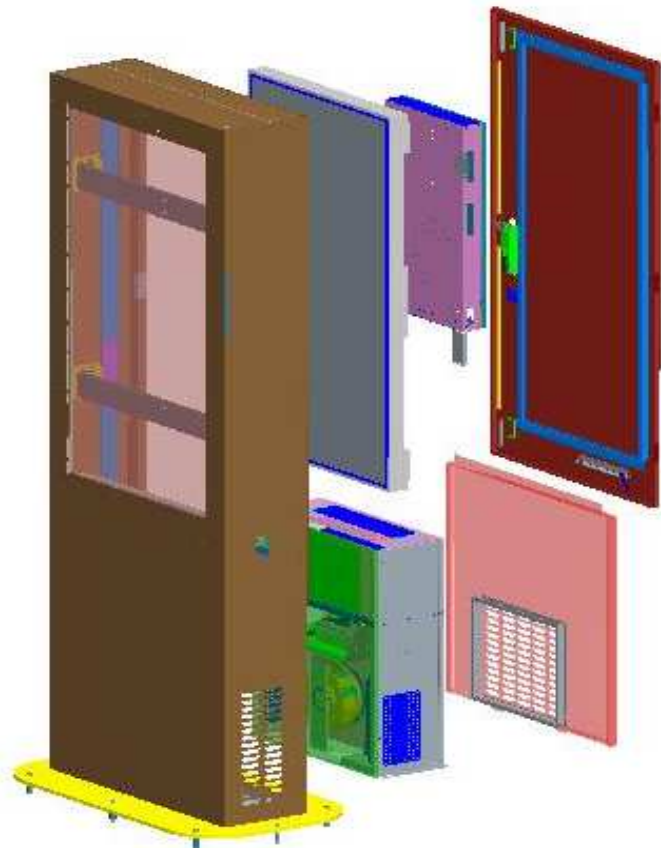
- > High brightness LCD Display, 42inch screen
brightness: 1500cd/m²
- > High perspective glass, sunlight glass
- > With a built-in light sensor, it automatically adjusts the brightness, saving energy and making it readable in sunlight



2. Product introduction

2.2 Outdoor structure

4. Modular design, easy to maintain



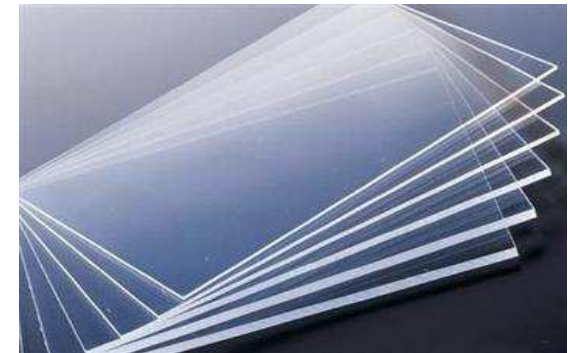
1. Waterproof design

2. Anti-theft design



3. Outdoor special display glass

AR anti-reflective and anti-UV,
vandal-proof



2. Product introduction

2.3 Outdoor sun readable

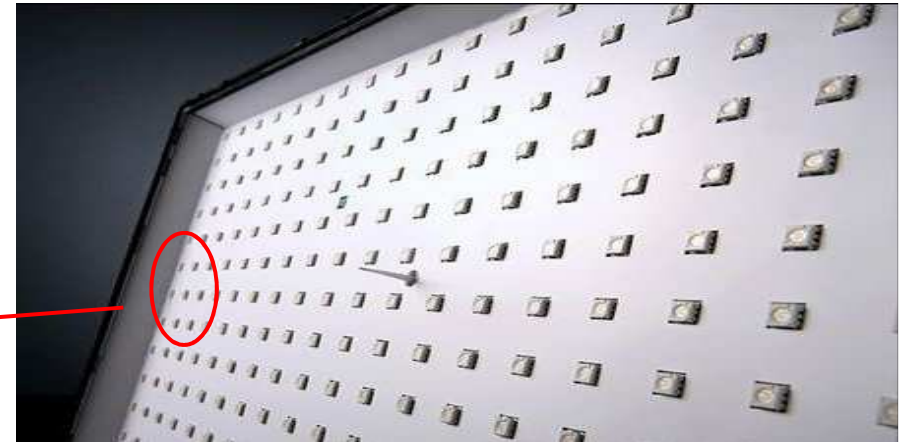
4. Display panel

High bright LED backlight panel



1. Backlight design

High luminous efficiency
Good uniformity



3. High reliability of electronic devices



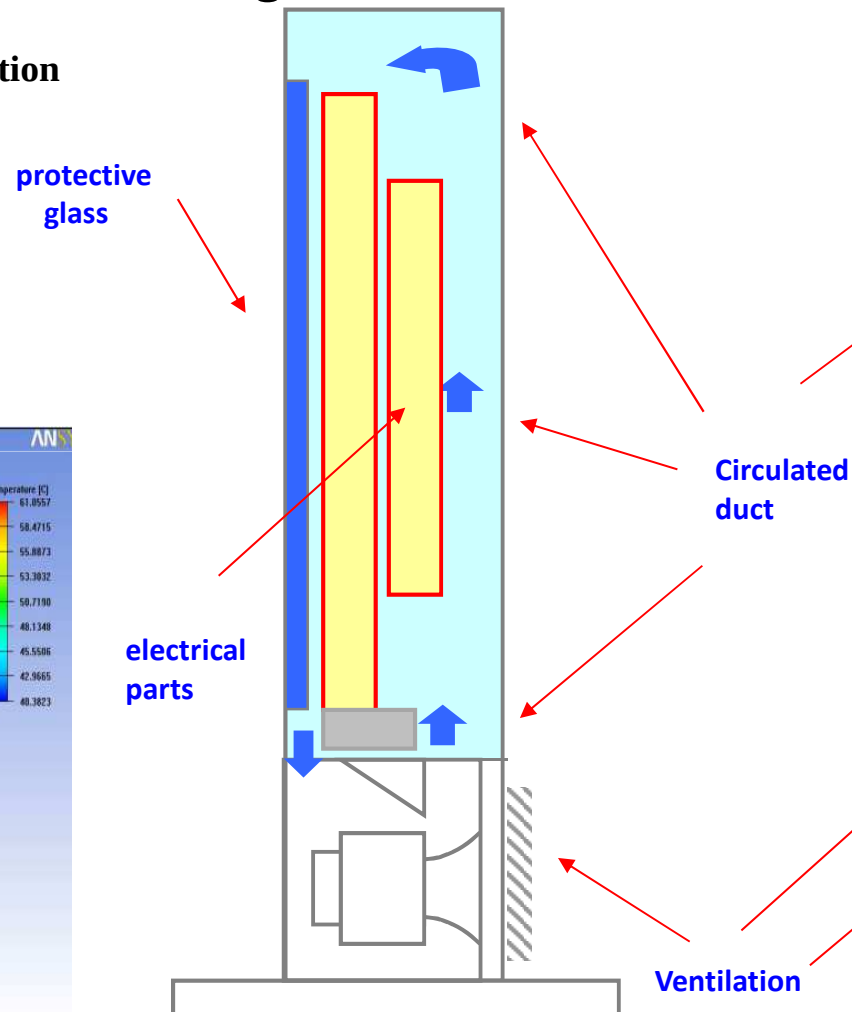
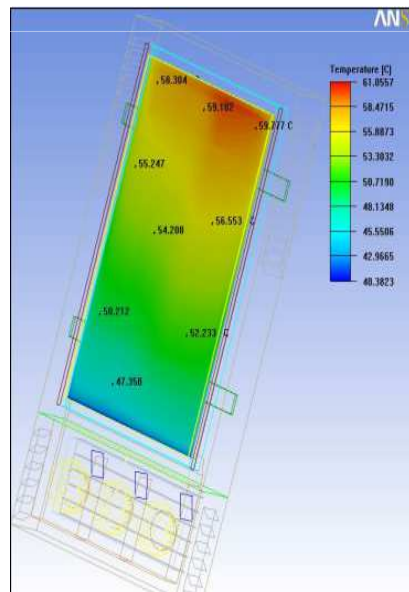
2. Industrial grade circuit layout



2. Product introduction

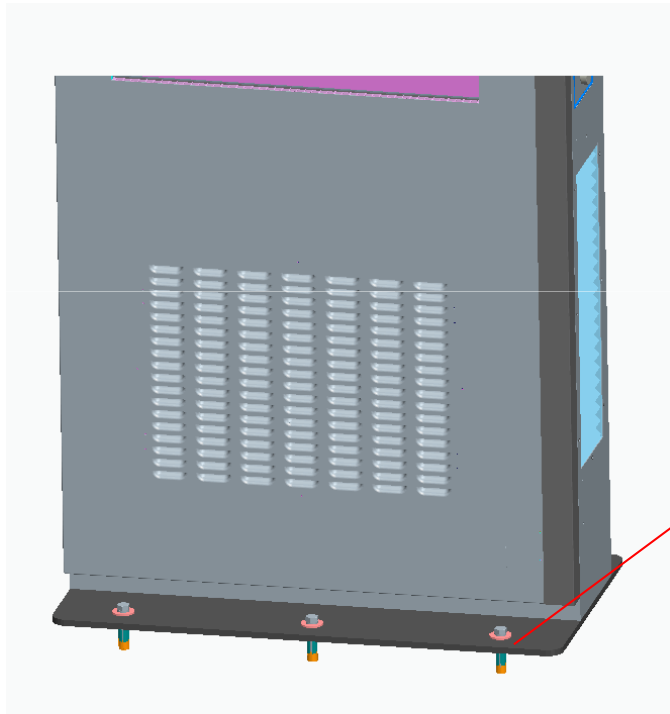
2.4 Temperature control design

Air duct and heat dissipation



2. Product introduction

2.5 Plate for outdoor installation



3. Specification

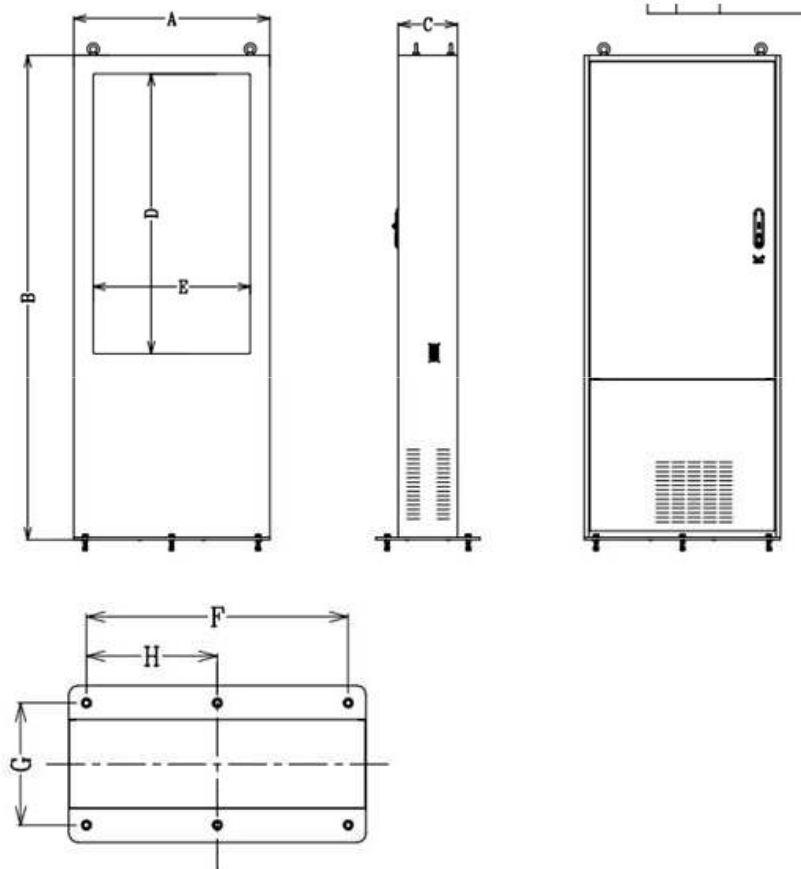
LCD screen	Size	42"
	Technology	IPS
	Display Ratio	16:9 portrait
	Resolution	1920*1080
	Brightness	1500 cd/m²
	Contrast ratio	3000:1 - ANSI
	Response time	16ms
	Viewing angle	178 ° horizontal / 178 ° vertical
	Display area	20 ½" x 36 2/3"
	Video interface	VGA HDMI DVI
	Audio interface	AUDIO IN
Touch screen	Technology	Touch Film
	Touch points	Single Touch
Operation Parameters	Operating Temperature	-20° C to + 50° C
	Operating Humidity	5%-90%
	Power Supply	AC 210-240V, 50/60Hz
	Max Consumption	0.3 kW

3. Specification

Integrated PC (Optional)	CPU	Intel Core i3	Intel Core i5
	RAM	2GB DDR3 SO-DIMM (PC3-1600 Mhz)	4GB DDR3 SO-DIMM (PC3-1600 Mhz)
	Hard Disk	320 GB 2,5 " SATA II 300 Mbit/s	500 GB 2,5 " SATA II 300 Mbit/s
	Video card	Intel HD Graphics 4000	Intel HD Graphics 4000
	Connections	1 VGA, 1 HDMI, 3 USB 2.0, 1 RS232C, WIFI B/G/N, LAN 10/100/1000	1 VGA, 1 HDMI, 3 USB 2.0, 1 RS232C, WIFI B/G/N, LAN 10/100/1000
	Operating System	Windows 7/8 Professional or Embedded	Windows 7/8 Professional or Embedded
	3G\4G USB Modem	Optional	Optional

3. Specification

3.1 Size in mm



A	B	C	D	E	F	G	H
700	1900	240	930	523	600	440	300

4. Production test



Simulated solar radiation test

4. Production test



24 hour aging test

5. Semi-Outdoor examples

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