LFTouch

2026

INDUSTRIAL TOUCH MONITORS

- High-Bright Industrial Touch Monitor
- Projected-Capacitive Monitor
- SAW Touch Monitor
- Infrared Monitors
- LED Flexible Strips
  & Cover Glass Optionals

SELF SERVICE KIOSKS

TOUCH PANEL PC

- Fully-Enclosed Aluminum Open Frame
- Fully-Enclosed Aluminum Embedded
- Sheet-Metal Open Frame
- Sheet-Metal Embedded

DIGITAL SIGNAGE

- Floor Standing Displays
- Wall-Mounted Displays

INDUSTRIAL TOUCH MONITORS

HIGH-BRIGHT INDUSTRIAL TOUCH MONITOR

ANY SUNLIGHT READABLE TOUCH MONITOR CAN BE MODIFIED INTO NON-TOUCH ONE



HIGH IMAG BRIGHTNESS AND ANTI GLARE TREATMENT

The brightness of the backlight improves the color saturation and provides better uniformity for all optical characteristics and visibility in bright sunlight.

EXCELLENT CONTRAST RATIO AND CLARITY

The main requirement for high-bright industrial monitors is a clear image with high contrast, which does not change with strong light or direct sunlight.

ANTIVANDAL

Industrial metal case can be vandal resistant. An additional protective glass can be placed to protect the front panel of the monitor (optional).

LOW POWER CONSUMPTION

(optional) The light sensor automatically detects exterior light and increases the brightness of the display; when the light becomes stronger it reduces brightness and saves energy by up to 50%. When the backlight brightness increases, the heating problem can easily occur. However, technologies control and do not allow monitor to overheat. The monitor case makes heat dissipate from the ultra-bright display.

MC270211

THE HIGH BRIGHTNESS SERIES IS AVAILABLE FROM 8 INCHES TO 43 INCHES,OEM AVAILABLE.



DIAGONAL	27”
SERIES	High-bright
MONITOR TYPE	Open Frame
ASPECT RATIO	16 : 9
TOUCHSCREEN THICKNESS	4.3 ± 0.2mm
TOUCH POINTS	10
DISPLAY TYPE	TFT-LCD LED Backlight
ACTIVE AREA (W x H)	597.6 x 336.15mm
RESOLUTION	1920 x 1080, 60Hz
COLORS	16.7 million
BRIGHTNESS	≥ 1000 cd/m²
VIEWING ANGLE (TYP. AT CR >10)	HORIZONTAL: Left 89° / Right 89° VERTICAL: Up 89° / Down 89°
CONTRAST RATIO	3000 : 1
FREQUENCY (H / V)	40 ~ 90KHz 50 ~ 75Hz
DISPLAY RESPONSE TIME	12ms
POWER SUPPLY	TYPE: External power supply INPUT VOLTAGE: 100 ~ 240 VAC / 50 ~ 60 Hz

POWER CONSUMPTION	≤ 74.4W
STANDBY POWER CONSUMPTION	≤ 1.5W
ENVIRONMENT	OPERATING TEMPERATURE: -10°C ~ 50°C STORAGE TEMPERATURE: -20°C ~ 60°C OPERATING HUMIDITY: 20% ~ 80% STORAGE HUMIDITY: 10% ~ 90%
MTBF	≥ 30,000 Hours
BACK LIGHT LIFE	≥ 30,000 Hours
INTERFACES	DIGITAL VIDEO: DVI / HDMI ANALOG VIDEO: VGA TOUCH SCREEN: USB
MOUNTING INTERFACES	MOUNT BRACKETS: Horizontal or vertical mount holes VESA: 260 x 150mm
OSD CONTROL	BUTTONS: AUTO, +, POWER, -, MENU FUNCTION: Brightness, Contrast Ratio, Auto-adjust, Phase, Clock, H/V Location, Languages, Function,Reset
WEIGHT	NET (1 PCS): 9.8kg GROSS (2 PCS IN 1 PACKAGE): 21.3kg

BOX SIZE	770 x 513 x 198mm
CCERTIFICATIONS	ETL, FCC, CE, CB, RoHS CCC, UL
REGULAR WARRANTY	3 Years

PROJECTED-CAPACITIVE MONITORS



PRODUCT FEATURE

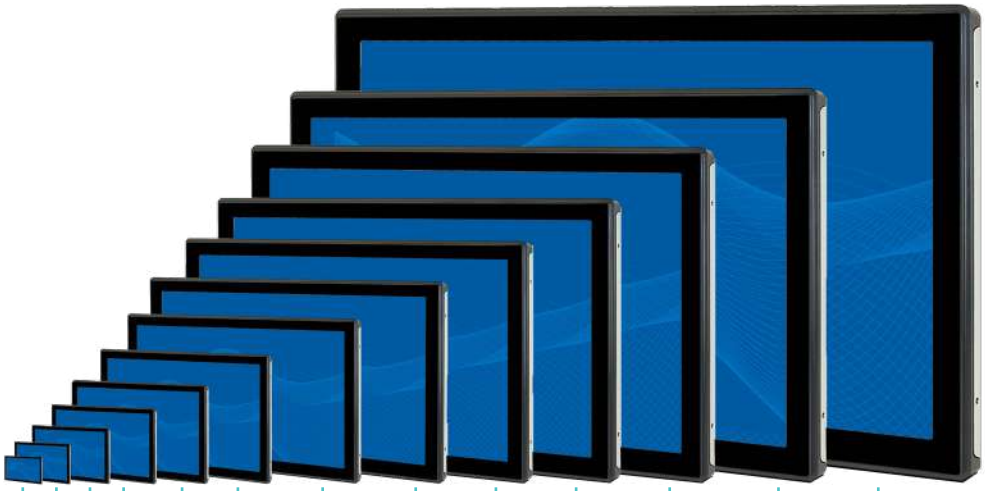
- Rugged chassis of the monitor is controlled by LFTouch quality control system.
- High quality panel is completed with high brightness, high contrast ratio and wide viewing angle.
- Multiple mounting options includ VESA mount, horizontal vertical brackets mount.
- Finger operation.
- USB touch interface port.
- VGA, DVI, HDMI input video formats.
- Certifications.

ACCESSORIES

- External power supply.
- Touch / video cables: USB touch cable and video cable are included.
- Mount brackets: a pair of standard mount brackets for horizontal or vertical mounting.



ASPECT RATIO 4:3



ASPECT RATIO 16:9 / 16:10



LCD PANEL	Screen Size	10.1''	15''	17''	18.5''	21.5''	27''	43''
	Aspect Ratio	16 : 9	5 : 4	5 : 4	16 : 9	16 : 9	16 : 9	16 : 9
	Resolution	1024 * 600	1024 * 768	1280 * 1024 / 60HZ	1366 * 768 / 60HZ	1920 * 1080 / 60HZ	1920 * 1080 / 60HZ	1920 * 1080 / 60HZ
	Viewing Angle	45 / 45 / 15 / 35	80 / 80 / 60 / 80	85 / 85 / 80 / 80	85 / 85 / 80 / 80	89 / 89 / 89 / 89	89 / 89 / 89 / 89	89 / 89/ 89/ 89
	Visible Area	222.72 x 125.28 (mm)	304.128 x 228.096 (mm)	337.92 x 270.336 (mm)	409.8 x 230.4 (mm)	479.84 x 271.31 (mm)	597.6 x 336.15 (mm)	941.184 x 529.416 (mm)
	Brightness	200 cd/m²	350 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	350 cd/m²	350 cd/m²
	Contrast Ratio	1000 : 1	700 : 1	1000 : 1	1000 : 1	3000 : 1	3000 : 1	2000 : 1
	Responnes Time	16 (Typ.)(Tr/Td) ms	5.7 / 2.3 (Typ.)(Tr/Td) ms	3.8 / 1.2 (Typ.)(Tr/Td) ms	5 (Typ.)(Tr/Td) ms	13/5 (Typ.)(Tr/Td) ms	7/5 (Typ.)(Tr/Td) ms	6.5 (Typ.)(Tr/Td) ms
	Display Colors	16.7M, 52% NTSC	262K / 16.2M	16.7M	16.7M	16.7M	16.7M	16.7M
CTP	Touch Screen Type	10 point G+G capacitive touch panel	10 point G+G capacitive touch panel	10 point G+G capacitive touch panel	10 point G+G capacitive touch panel	10 point G+G capacitive touch panel	10 point G+G capacitive touch panel	10 point G+G capacitive touch panel
	Response Speed	10 ms	8 ms	8 ms	8 ms	8 ms	8 ms	8 ms
	Interface	USB	USB	USB	USB	USB	USB	USB
	Work Voltage	Typical value + 5VDC	Typical value + 5VDC	Typical value + 5VDC	Typical value + 5VDC	Typical value + 5VDC	Typical value + 5VDC	Typical value + 5VDC
	Thickness	Total 2.45mm ± 0.2	Total 2.45mm ± 0.2	Total 2.45mm ± 0.2	Total 2.45mm ± 0.2	Total 2.45mm ± 0.2	Total 2.45mm ± 0.2	Total 2.45mm ± 0.2
	Transmittance	≥ 85%	≥ 85%	≥ 85%	≥ 85%	≥ 85%	≥ 85%	≥ 85%
LCD & TP BONDING	Boding Way (Optical Bonding)	Frame fit	Frame fit	Frame fit	Frame fit	Frame fit	Frame fit	Frame fit
	Adhesive Material	0.175 mm	0.175 mm	0.175 mm	0.175 mm	0.175 mm	0.175 mm	0.175 mm
	Bonding Thickness	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm
INTERFACE FUNCTION	Peripheral Interface	VGA / HDMI / DVI(Optional)	VGA / HDMI / DVI(Optional)	VGA / HDMI / DVI(Optional)	VGA / HDMI / DVI(Optional)	VGA / HDMI / DVI(Optional)	VGA / HDMI / DVI(Optional)	VGA / HDMI / DVI(Optional)
POWER	Power In	DCin : 12V5A	DCin : 12V5A	DCin : 12V5A	DCin : 12V5A	DCin : 12V5A	DCin : 12V5A	DCin : 12V5A
	Standby Power	≤ 3W	≤ 3W	≤ 3W	≤ 3W	≤ 3W	≤ 3W	≤ 3W
	Maximum Power	≤ 45W	≤ 35W	≤ 35W	≤ 35W	≤ 45W	≤ 80W	≤ 80W
APPEARANCE & PACKAGING	Outer Frame Material	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
	Back Shell Material	Sheet Metal (Black yarn spray paint)	Sheet Metal	Sheet Metal	Sheet Metal (Black yarn spray paint)	Sheet Metal (Black yarn spray paint)	Sheet Metal	Sheet Metal
	Mounting Holes	Posterior shell opening 100mm x 100mm	Posterior shell opening 100mm x 100mm	Posterior shell opening 100mm x 100mm	Posterior shell opening 100mm x 100mm	Posterior shell opening 100mm x 100mm	Posterior shell opening 100mm x 100mm	Posterior shell opening 100mm x 100mm
	Machine Size	263.3mm x 165.4mm x 34.8mm	357.3mm x 285.7mm x 48.5mm	383.6mm x 315.3mm x 48.5mm	455.4mm x 280.3mm x 48.5mm	533.4mm x 320.5mm x 48.2mm	657mm x 398mm x 50.5mm	1002.1mm x 595.1mm x 64mm
	Components	Power cord, Power adapter, USB cable	Power cord, Power adapter, USB cable	Power cord, Power adapter, USB cable	Power cord, Power adapter, USB cable	Power cord, Power adapter, USB cable	Power cord, Power adapter, USB cable	Power cord, Power adapter, USB cable
WORK ENVIRONMENTAL	Working Temperature	0°C - 50°C	0°C - 50°C	0°C - 50°C	0°C - 50°C	0°C - 50°C	0°C - 50°C	0°C - 50°C
	Working Humidity	20% - 85% RH	20% - 85% RH	20% - 85% RH	20% - 85% RH	20% - 85% RH	20% - 85% RH	20% - 85% RH
	Storage Temperature	-20°C - 60°C	-20°C - 60°C	-20°C - 60°C	-20°C - 60°C	-20°C - 60°C	-20°C - 60°C	-20°C - 60°C
	Storage Humidity	20% - 85%RH	20% - 85%RH	20% - 85%RH	20% - 85%RH	20% - 85%RH	20% - 85%RH	20% - 85%RH
CERTIFICATION		CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

SAW TOUCH MONITORS



PRODUCT FEATURE

- Rugged chassis of the monitor is controlled by LFTouch quality control system.
- High quality panel is completed with high brightness, high contrast ratio and wide viewing angle.
- Multiple mounting options includ VESA mount, horizontal vertical brackets mount.
- Finger operation.
- USB touch interface port.
- VGA, DVI, HDMI input video formats.
- Certifications.

ACCESSORIES

- External power supply.
- Touch / video cables: USB touch cable and video cable are included.
- Mount brackets: a pair of standard mount brackets for horizontal or vertical mounting.

MA170270

THE SAW TOUCH MONITOR SERIES IS AVAILABLE FROM 10.4 INCHES TO 22 INCHES,OEM AVAILABLE.



DIAGONAL	17”
SERIES	Water-proof / Compact
MONITOR TYPE	Open Frame
ASPECT RATIO	5 : 4
TOUCHSCREEN THICKNESS	4 ± 0.2mm
TOUCH POINTS	1
DISPLAY TYPE	TFT-LCD LED Backlight
ACTIVE AREA (W x H)	337.920 x 270.336mm
MONITOR DIMENSIONS	WIDTH 369mm HEIGHT 307mm DEPTH 50mm
RESOLUTION	1280 x 1024, 60Hz
COLORS	16.7 million
BRIGHTNESS	250 cd/m²
VIEWING ANGLE (typ.at CR >10)	HORIZONTAL Left 85° / Right 85° VERTICAL Up 80° / Down 80°
CONTRAST RATIO	1000 : 1
FREQUENCY (H / V)	37.9 ~ 80 KHz 60 ~ 75 Hz

DISPLAY RESPONSE TIME	5 ms
POWER SUPPLY	TYPE External power supply INPUT VOLTAGE 100 ~ 240 VAC 50 ~ 60 Hz
POWER CONSUMPTION	≤ 15W
STANDBY POWER CONSUMPTION	≤ 1.5W
ENVIROMENT	OPERATING TEMPERATURE 0 ~ 50°C STORAGE TEMPERATURE -20 ~ 60°C OPERATING HUMIDITY 20% ~ 80% STORAGE HUMIDITY 10% ~ 90%
MTBF	≥ 30,000 Hours
BACK LIGHT LIFE	≥ 30,000 Hours
INTERFACES	DIGITAL VIDEO DVI ANALOG VIDEO VGA TOUCH SCREEN USB
MOUNTING INTERFACES	MOUNT BRACKETS Horizontal or vertical mount holes VESA 75 and 100mm
WEIGHT	NET (1 PCS) 5Kg GROSS (2 PCS IN 1 PACKAGE) 12.8Kg

OSD CONTROL	BUTTONS AUTO, +, POWER, -, MENU FUNCTION Brightness, Contrast Ratio, Auto-adjust, Phase, Clock, H/V Location, Languages, Function,Reset
BOX SIZE	445 x 390 x 200mm
CCERTIFICATIONS	ETL, FCC, CE, CB, RoHS CCC, UL
REGULAR WARRANTY	3 Years

INFRARED MONITORS



PRODUCT FEATURE

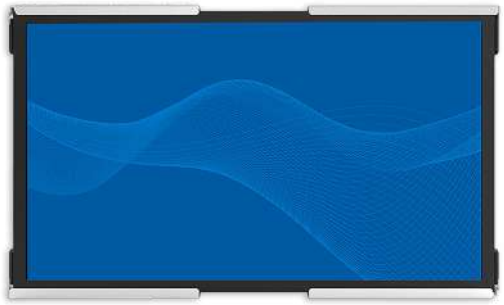
- Rugged chassis of the monitor is controlled by LFTouch quality control system.
- High quality panel is completed with high brightness, high contrast ratio and wide viewing angle.
- Multiple mounting options includ VESA mount, horizontal vertical brackets mount.
- Finger operation.
- USB touch interface port.
- VGA, DVI, HDMI input video formats.
- Certifications.

ACCESSORIES

- External power supply.
- Touch / video cables: USB touch cable and video cable are included.
- Mount brackets: a pair of standard mount brackets for horizontal or vertical mounting.

MI190200

THE IR TOUCH MONITOR SERIES IS AVAILABLE FROM 15 INCHES TO 43 INCHES,OEM AVAILABLE.



DIAGONAL	19''
SERIES	-
MONITOR TYPE	Open Frame
ASPECT RATIO	5 : 4
TOUCHSCREEN THICKNESS	9 ± 1mm
TOUCH POINTS	1
DISPLAY TYPE	TFT-LCD LED Backlight
ACTIVE AREA (W x H)	376.32 x 301.06mm
MONITOR DIMENSIONS	WIDTH: 420mm HEIGHT: 345mm DEPTH: 52.5mm
RESOLUTION	1280 x 1024, 60Hz
COLORS	16.7 million
BRIGHTNESS	250 cd/m²
VIEWING ANGLE (typ.at CR >10)	HORIZONTAL: Left 85° / Right 85° VERTICAL: Up 80° / Down 80°
CONTRAST RATIO	1000 : 1
FREQUENCY (H / V)	37.9 ~ 80 KHz 60 ~ 75 Hz

DISPLAY RESPONSE TIME	5 ms
POWER SUPPLY	TYPE: External power supply INPUT VOLTAGE: 100 ~ 240 VAC 50 ~ 60 Hz
POWER CONSUMPTION	≤ 20W
STANDBY POWER CONSUMPTION	≤ 1.5W
ENVIROMENT	OPERATING TEMPERATURE: 0 ~ 50°C STORAGE TEMPERATURE: -20 ~ 60°C OPERATING HUMIDITY: 20% ~ 80% STORAGE HUMIDITY: 10% ~ 90%
MTBF	≥ 50,000 Hours
BACK LIGHT LIFE	≥ 50,000 Hours
INTERFACES	DIGITAL VIDEO: - ANALOG VIDEO: VGA TOUCH SCREEN: USB
MOUNTING INTERFACES	MOUNT BRACKETS: Horizontal or vertical mount holes VESA: 75 and 100mm
WEIGHT	NET (1 PCS): 10.08Kg GROSS (2 PCS IN 1 PACKAGE): 23.42Kg

OSD CONTROL	BUTTONS: AUTO, +, POWER, -, MENU FUNCTION: Brightness, Contrast Ratio, Auto-adjust, Phase, Clock, H/V Location, Languages, Function,Reset
BOX SIZE	500 x 430 x 195mm
CCERTIFICATIONS	ETL, FCC, CE, CB, RoHS CCC
REGULAR WARRANTY	3 Years

LED FLEXIBLE STRIPS

OPEN FRAME PAP TOUCH MONITOR



FEATURES

- High quality panel with high contrast ratio and broad viewing angle.
- Multiple mounting options including VESA mount.
- USB touch interface (serial port optional).
- CCC, ETL, FCC, CE, CB, RoHs.
- VGA, DVI and HDMI input video formats.

APPLICATION

- Outdoor and Indoor Kiosks
- Entertainment
- Transport and Ticketing
- Hospitality
- Banking
- Customized Solutions

TOUCH PANEL PC

FULLY-ENCLOSED OPEN FRAME PANEL PC

ALL-ALUMINUM • FANLESS • 15" - 27"

FULLY-ENCLOSED ALL-ALUMINUM

A fully-sealed all-aluminum housing with fanless passive cooling keeps dust off the screen and out of the unit in harsh factory environments.

EXTRUDED REAR COVER

Extruded aluminum rear cover with anodized finish dissipates heat effectively and eliminates overheating shutdowns.

NARROW-BEZEL MINIMAL-SCREW DESIGN

Ultra-narrow touch bezel with minimal-screw, no-visible-screw construction blends seamlessly into the cabinet for a clean, elegant appearance.

WIDE PLATFORM CHOICE

Intel Core 3rd-10th Gen processors or RK Android boards, paired with versatile I/O to meet a broad range of application requirements.



FULLY-ENCLOSED OPEN FRAME PANEL PC

SPECIFICATIONS & MODELS · ALL-ALUMINUM · FANLESS · 15" - 27"

MODEL	SIZE	RESOLUTION	OVERALL DIMENSIONS W x H x D (MM)	CUTOUT W x H (MM)
HC150APC	15"	1024x768	346.4x273.4x55.7	339.4x266.4
HC156APC	15.6"	1920x1080	383.4x243.4x55.7	376.4x236.4
HC170APC	17"	1280x1024	380x318x55.7	373x311
HC185APC	18.5"	1920x1080	450.4x275.4x55.7	443.4x267.4
HC190APC	19"	1280x1024	416x334x55.7	409x337
HC215APC	21.5"	1920x1080	515.4x312x55.7	508.4x305
HC236APC	23.6"	1920x1080	564.4x340.4x55.7	557.4x333.4
HC270APC	27"	1920x1080	651.4x389.6x58.9	644.4x382.6

COMMON CONFIGURATION

CPU	Intel Core i3 / i5 / i7, 3rd to 10th Gen; or Android board RK3288 / RK3568 / RK3576 / RK3588	**I/O Ports**	1xLAN, 2xCOM (RS232/485), 4xUSB, 1xVGA, 1xHDMI, 1xLINE OUT, 1xMIC; expandable
Memory	4GB DDR3L, up to 16GB (Android: 2 / 4 / 8GB)	**Wireless**	Wi-Fi / Bluetooth / 4G (optional)
Storage	64GB SSD, up to 512GB; optional 2.5" HDD (Android: 16 - 128GB)	**Speaker**	Built-in 2W speaker
Graphics	Intel HD Graphics; Realtek RTL8111F Gigabit Ethernet	**Power**	12V 5A external power adapter
OS	Windows 7 / 8.1 / 10, Linux; or Android	**Environment**	Operating 0 ~ 50 C; storage -10 ~ 60 C
Touch	G+G capacitive 10-point; >50 million touches; hardness >= 6H; >= 85% transmittance	**Mounting**	Embedded / panel mount, wall mount, desktop, VESA support arm

All dimensions in mm (W x H x D). Cutout radius R7.2. Brightness 350 cd/m2, 10-point G+G capacitive touch. Custom colors, silk-screen logo, high-brightness panel and extended I/O on request.

FULLY-ENCLOSED EMBEDDED PANEL PC

ALL-ALUMINUM • FANLESS • 15" - 23.6"

FULLY-ENCLOSED ALL-ALUMINUM

A fully-sealed all-aluminum structure with fanless passive cooling runs reliably in harsh environments with effective dust protection.

EXTRUDED REAR COVER

Extruded aluminum rear cover with anodized finish - ideal for industrial workshops and medical equipment, with better heat dissipation.

EMBEDDED MOUNTING

Embedded (outer-flange) mounting solution installs easily and blends seamlessly with the equipment for a clean, elegant appearance.

WIDE PLATFORM CHOICE

Intel Core 3rd-10th Gen processors or RK Android boards, paired with versatile I/O to meet a broad range of application requirements.



FULLY-ENCLOSED EMBEDDED PANEL PC

SPECIFICATIONS & MODELS · ALL-ALUMINUM · FANLESS · 15" - 23.6"

MODEL	SIZE	RESOLUTION	OVERALL DIMENSIONS W x H x D (MM)	CUTOUT W x H (MM)
HC150RAO	15"	1024x768	367x294x56.7	336.9x263.9 (R10)
HC156RAO	15.6"	1920x1080	403.9x263.9x56.7	373.8x233.8 (R10)
HC170RAO	17"	1280x1024	400.6x338.6x56.7	370.5x308.5 (R10)
HC185RAO	18.5"	1920x1080	470.9x294.9x56.7	440.8x264.8 (R10)
HC190RAO	19"	1280x1024	436.5x364.5x56.7	406.4x334.5 (R10)
HC215RAO	21.5"	1920x1080	535.9x332.5x56.7	505.8x302.4 (R10)
HC236RAO	23.6"	1920x1080	584.9x360.9x56.7	561.2x336.9 (R10)

COMMON CONFIGURATION

CPU	Intel Core i3 / i5 / i7, 3rd to 10th Gen; or Android board RK3288 / RK3568 / RK3576 / RK3588	**I/O Ports**	1xLAN, 2xCOM (RS232/485), 4xUSB, 1xVGA, 1xHDMI, 1xLINE OUT, 1xMIC; expandable
Memory	4GB DDR3L, up to 16GB (Android: 2 / 4 / 8GB)	**Wireless**	Wi-Fi / Bluetooth / 4G (optional)
Storage	64GB SSD, up to 512GB; optional 2.5" HDD (Android: 16 - 128GB)	**Speaker**	Built-in 2W speaker
Graphics	Intel HD Graphics; Realtek RTL8111F Gigabit Ethernet	**Power**	12V 5A external power adapter
OS	Windows 7 / 8.1 / 10, Linux; or Android	**Environment**	Operating 0 ~ 50 C; storage -10 ~ 60 C
Touch	G+G capacitive 10-point; >50 million touches; hardness >= 6H; >= 85% transmittance	**Mounting**	Embedded / panel mount, wall mount, desktop, VESA support arm

All dimensions in mm (W x H x D). Brightness 350 cd/m2, 10-point G+G capacitive touch. Custom colors, silk-screen logo, high-brightness panel and extended I/O on request.

OPEN FRAME INDUSTRIAL PANEL PC

SHEET-METAL • FANLESS • 10.1" - 43"

RUGGED SHEET-METAL ENCLOSURE

Cold-rolled steel / galvanized sheet enclosure with painted finish offers high structural strength and an optimized cooling airflow.

BUILT FOR 24/7 OPERATION

Passed vibration testing, high/low-temperature aging and salt-spray testing for stable operation in demanding field environments.

FLEXIBLE INSTALLATION

Supports wall-mount, desktop, embedded and VESA standard support-arm installation to fit industrial automation and edge computing scenarios.

WIDE PLATFORM CHOICE

Intel Core 3rd-10th Gen processors or RK Android boards, with wide-temperature performance and harsh electromagnetic compatibility.



OPEN FRAME INDUSTRIAL PANEL PC

SPECIFICATIONS & MODELS · SHEET-METAL · FANLESS · 10.1" - 43"

MODEL	SIZE	RESOLUTION	OVERALL DIMENSIONS W x H x D (MM)	CUTOUT W x H (MM)
HC101ROF	10.1"	1280x800	254.5x173.5x47	247.5x166.5
HC133ROF	13.3"	1920x1080	339.4x213.4x49	332.4x206.4
HC150ROF	15"	1024x768	346.4x273.4x49	339.4x266.4
HC156ROF	15.6"	1920x1080	383.4x243.4x49	376.4x236.4
HC170ROF	17"	1280x1024	380x318x49	373x311
HC185ROF	18.5"	1920x1080	450.4x275.4x49	443.4x267.4
HC190ROF	19"	1280x1024	416x334x49	409x337
HC215ROF	21.5"	1920x1080	515.4x312x49	508.4x305
HC236ROF	23.6"	1920x1080	564.4x340.4x49	557.4x333.4
HC270ROF	27"	1920x1080	651.4x389.6x52.2	644.4x382.6
HC320ROF	32"	1920x1080	749x446x58	742x439
HC430ROF	43"	1920x1080	991.4x585.3x64	984.4x578.3

COMMON CONFIGURATION

CPU	Intel Core i3 / i5 / i7, 3rd to 10th Gen; or Android board RK3288 / RK3568 / RK3576 / RK3588
Memory	4GB DDR3L, up to 16GB (Android: 2 / 4 / 8GB)
Storage	64GB SSD, up to 512GB; optional 2.5" HDD (Android: 16 - 128GB)
Graphics	Intel HD Graphics; Realtek RTL8111F Gigabit Ethernet
OS	Windows 7 / 8.1 / 10, Linux; or Android
Touch	G+G capacitive 10-point; >50 million touches; hardness >= 6H; >= 85% transmittance
I/O Ports	1xLAN, 2xCOM (RS232/485), 4xUSB, 1xVGA, 1xHDMI, 1xLINE OUT, 1xMIC; expandable
Wireless	Wi-Fi / Bluetooth / 4G (optional)
Speaker	Built-in 2W speaker
Power	12V 5A external power adapter
Environment	Operating 0 ~ 50 C; storage -10 ~ 60 C
Mounting	Embedded / panel mount, wall mount, desktop, VESA support arm

All dimensions in mm (W x H x D); depth shown for Windows version (Android / driver-board version approx. 8 mm slimmer, except 32" / 43" common). Cutout radius R7.2. Brightness 350 cd/m2, 10-point G+G capacitive touch. Custom colors, logo and extended I/O on request.

EMBEDDED INDUSTRIAL PANEL PC

SHEET-METAL • FANLESS • 10.4" - 23.6"

RUGGED SHEET-METAL ENCLOSURE

Cold-rolled steel / galvanized sheet enclosure with painted finish offers high structural strength and an optimized cooling airflow.

EMBEDDED MOUNTING

Embedded outer-flange mounting with mounting clips installs firmly and blends seamlessly with the equipment.

BUILT FOR 24/7 OPERATION

Passed vibration testing, high/low-temperature aging and salt-spray testing for stable operation in demanding field environments.

WIDE PLATFORM CHOICE

Intel Core 3rd-10th Gen processors or RK Android boards, with wide-temperature performance and harsh electromagnetic compatibility.



EMBEDDED INDUSTRIAL PANEL PC

SPECIFICATIONS & MODELS · SHEET-METAL · FANLESS · 10.4" - 23.6"

MODEL	SIZE	RESOLUTION	OVERALL DIMENSIONS W x H x D (MM)	CUTOUT W x H (MM)
HC104RPC	10.4"	1024x768	281.1x231.1x50	251x201 (R10)
HC121RPC	12.1"	1024x768	314.1x253.1x50	284x223 (R10)
HC133RPC	13.3"	1920x1080	359.9x233.9x50	329.8x203.8 (R10)
HC150RPC	15"	1024x768	367x294x50	339.4x266.4 (R10)
HC156RPC	15.6"	1920x1080	403.9x263.9x50	376.4x236.4 (R10)
HC170RPC	17"	1280x1024	400.6x338.6x50	370.5x308.5 (R10)
HC185RPC	18.5"	1920x1080	470.9x294.9x50	440.8x264.8 (R10)
HC190RPC	19"	1280x1024	436.5x364.5x50	406.4x334.5 (R10)
HC215RPC	21.5"	1920x1080	535.9x332.5x50	505.8x302.4 (R10)
HC236RPC	23.6"	1920x1080	584.9x360.9x50	561.2x336.9 (R10)

COMMON CONFIGURATION

CPU	Intel Core i3 / i5 / i7, 3rd to 10th Gen; or Android board RK3288 / RK3568 / RK3576 / RK3588	**I/O Ports**	1xLAN, 2xCOM (RS232/485), 4xUSB, 1xVGA, 1xHDMI, 1xLINE OUT, 1xMIC; expandable
Memory	4GB DDR3L, up to 16GB (Android: 2 / 4 / 8GB)	**Wireless**	Wi-Fi / Bluetooth / 4G (optional)
Storage	64GB SSD, up to 512GB; optional 2.5" HDD (Android: 16 - 128GB)	**Speaker**	Built-in 2W speaker
Graphics	Intel HD Graphics; Realtek RTL8111F Gigabit Ethernet	**Power**	12V 5A external power adapter
OS	Windows 7 / 8.1 / 10, Linux; or Android	**Environment**	Operating 0 ~ 50 C; storage -10 ~ 60 C
Touch	G+G capacitive 10-point; >50 million touches; hardness >= 6H; >= 85% transmittance	**Mounting**	Embedded / panel mount, wall mount, desktop, VESA support arm

All dimensions in mm (W x H x D); depth shown for Windows version (Android version approx. 8 - 9 mm slimmer). Brightness 350 cd/m2, 10-point G+G capacitive touch. Custom colors, logo and extended I/O on request.

DIGITAL SIGNAGE

FLOOR STANDING DIGITAL SIGNAGE

CAPACITIVE / INFRARED / NON-TOUCH • 32" - 85" • ANDROID 11 / WINDOWS



PCAP TOUCH KIOSK



IR TOUCH / NON-TOUCH

TABLET-LIKE STYLING

Buttonless tempered-glass face, rounded corners, super-slim steel enclosure and aluminum surround for eye-catching, tablet-like aesthetics.

COMMERCIAL IPS PANEL

Commercial-grade IPS technology with 178 wide viewing angle and 50,000-hour LED backlight, rated for continuous 24/7 operation.

CLOUD CMS & PLUG AND PLAY

Optional network upgrade enables remote content updates via cloud CMS over LAN or Wi-Fi; USB plug-and-play playback without any CMS.

ANDROID OR WINDOWS

RK3566 quad-core platform running Android 11, Ubuntu or Linux, with Wi-Fi, built-in speaker and optional 3G/4G connectivity.

FLOOR STANDING DIGITAL SIGNAGE

SPECIFICATIONS & MODELS · PCAP / IR / NON-TOUCH

PCAP TOUCH · 10-POINT CAPACITIVE

MODEL	SIZE	ACTIVE AREA (MM)	MAX POWER	DIMENSIONS H x W x D (MM)
HC320RFL	32"	698x393	60 W	1550x440.4x450
HC430RFL	43"	941x529.5	70 W	1730x576.4x450
HC500RFL	50"	1095x616	80 W	1800x663.4x450
HC550RFL	55"	1209x681	90 W	1850x728.4x450
HC650RFL	65"	1428x803	125 W	1950x850.4x450

INFRARED TOUCH · 10-POINT IR

MODEL	SIZE	ACTIVE AREA (MM)	MAX POWER	DIMENSIONS H x W x D (MM)
HI320RFL	32"	698x393	60 W	1550x439.8x450
HI430RFL	43"	941x529	70 W	1730x450x575.8
HI500RFL	50"	1095x616	70 W	1800x450x662.8
HI550RFL	55"	1209x681	90 W	1850x727.8x450
HI650RFL	65"	1428x803	125 W	1950x849.8x450
HI750RFL	75"	1653x931	200 W	2245x1033.6x560
HI850RFL	85"	1872x1053	230 W	2353x1171x560

NON-TOUCH

MODEL	SIZE	ACTIVE AREA (MM)	MAX POWER	DIMENSIONS H x W x D (MM)
HN320RFL	32"	698x393	60 W	1550x440.4x450
HN430RFL	43"	941x529.5	70 W	1730x576.4x450
HN500RFL	50"	1095x616	80 W	1800x663.4x450
HN550RFL	55"	1209x681	90 W	1850x728.4x450
HN650RFL	65"	1428x803	125 W	1950x850.4x450
HN750RFL	75"	1653x931	200 W	2245x1033.6x560
HN850RFL	85"	1872x1053	230 W	2353x1171x560

COMMON CONFIGURATION

Panel IPS commercial LCD, 350-700 nits, 1200:1, 178/178, 50,000 h, 24/7

System Android 11 / Ubuntu / Linux, RK3566 quad-core 1.8GHz, 2GB DDR + 32GB eMMC

Touch PCAP 10-point (HCxxxRFL) / infrared 10-point (HIxxxRFL) / non-touch (HNxxxRFL)

Power AC 90-240V 50/60Hz built-in

Enclosure Cold-rolled steel sheet, tempered glass front, black, IP3X

Operation Portrait orientation, indoor, 0 ~ 45 C, built-in speaker

All dimensions in mm. Brightness 350-700 nits, resolution 1920x1080, aspect ratio 16:9. Accessories: power cable, keys, remote control, base screws, antenna, user manual.

Connectivity USB x2, HDMI IN x1, RJ45 x1; Wi-Fi or LAN; 3G/4G optional

WALL-MOUNTED DIGITAL SIGNAGE

IR / PCAP TOUCH • 32" - 65" • ANDROID CLOUD CMS / WINDOWS

10-POINT TOUCH

Infrared frame responds to fingers, gloves and any opaque stylus, tolerant of dust and splashes; PCAP version offers smartphone-grade precision behind edge-to-edge tempered glass.

7 x 24 INDUSTRIAL PANEL

Industrial LED panel, 1920x1080 FHD, rated for 7x24 continuous operation with anti-glare treated front glass for bright commercial environments.

CLOUD CMS PUBLISHING

Android cloud CMS enables remote publishing, split-screen layout and scheduled power on/off; Windows version also available.

FLEXIBLE CONFIGURATION

Landscape or portrait mounting, black or silver cabinet, Wi-Fi / RJ45 / 4G (optional); OEM/ODM logo, color, camera and sensor integration on request.



LANDSCAPE / PORTRAIT MOUNTING

WALL-MOUNTED DIGITAL SIGNAGE

SPECIFICATIONS · LF-WMT-IR / LF-WMT-PC · 32 - 65

SIZE	DISPLAY AREA (MM)	RESOLUTION	BRIGHTNESS	POWER
32"	698 x 393	1920 x 1080	300 nits	45 W
43"	941 x 530	1920 x 1080	350 nits	65 W
50"	1096 x 616	1920 x 1080	350 nits	85 W
55"	1210 x 681	1920 x 1080	350 nits	100 W
65"	1428 x 803	1920 x 1080	350 nits	120 W

CONFIGURATION OPTIONS

Model LF-WMT-IR (infrared touch) / LF-WMT-PC (PCAP touch)

Touch 10-point infrared (gloves & stylus friendly) / 10-point PCAP

System Android cloud CMS (remote publishing) / Windows

Network Wi-Fi / RJ45 / 4G (optional)

Mounting Landscape / portrait wall mounting

Cabinet Slim metal enclosure, black or silver

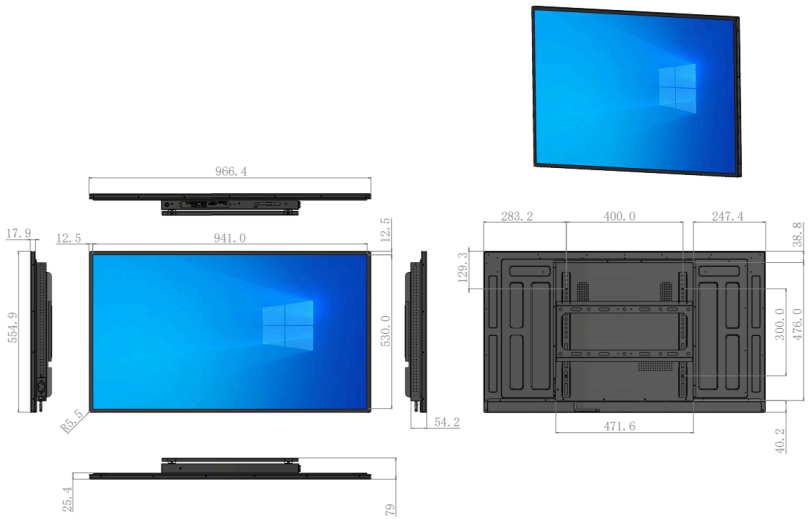
Panel Industrial LED panel, FHD, 7x24 rated

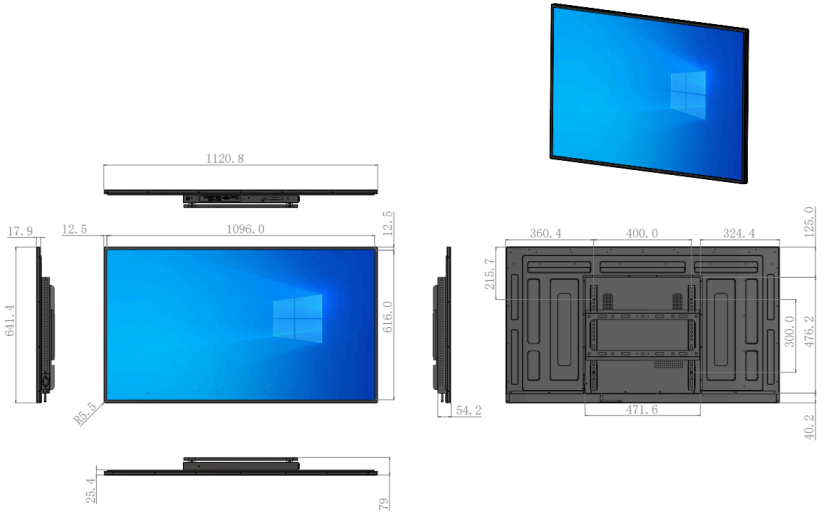
Front Glass Anti-glare treated tempered glass

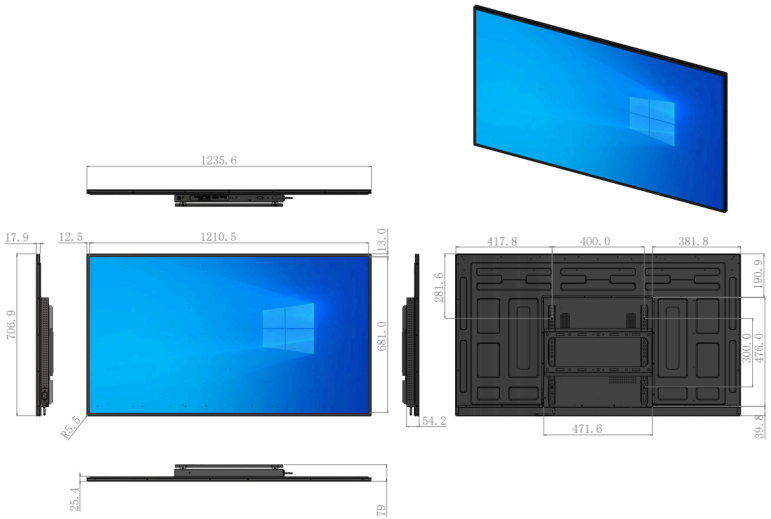
Touch options: 10-point infrared or 10-point PCAP capacitive. Operating system: Android cloud CMS or Windows. Specifications as published for the LF-WMT series; other configurations on request.

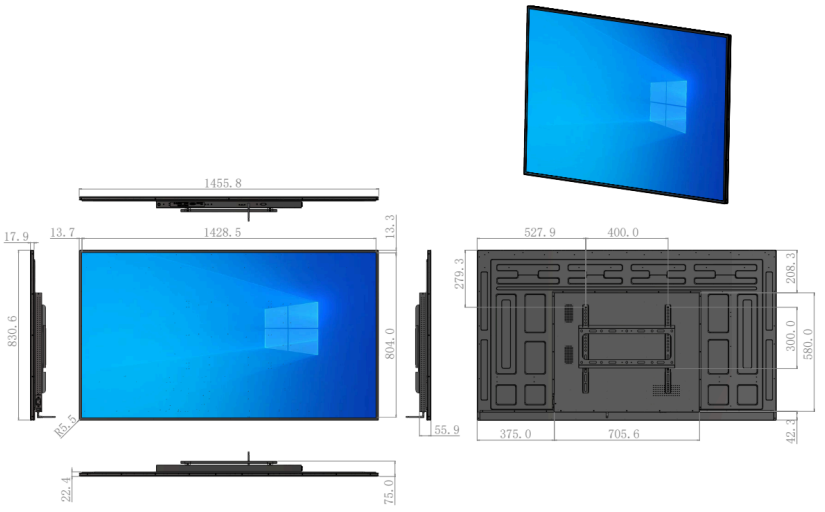
WALL-MOUNTED DIGITAL SIGNAGE

MECHANICAL DRAWINGS · REFERENCE DIMENSIONS (MM)









Reference mechanical drawings of the LF-WMT series wall-mounted chassis (front, rear and side views). Dimensions in mm; contact our sales team for the full drawing package of your size.

SELF SERVICE KIOSKS

23.6-INCH CURVED ORDERING MACHINE

KC236 12 08



23.6-inch Curved All-in-One Display

POS Terminal

1D / 2D Barcode Scanning

Receipt Printer





PARAMETERS OF THE WHOLE MACHINE

60W	POWER CONSUMPTION OF THE WHOLE MACHINE
21KG	NET WEIGHT OF THE WHOLE MACHINE
26KG	THE GROSS WEIGHT OF THE WHOLE MACHINE
-10°C ~ 60°C	WORKING TEMPERATURE
-20°C ~ 70°C	STORAGE TEMPERATURE
492 * 340 * 764mm	THE SIZE OF THE WHOLE MACHINE
545 * 445 * 858mm	PACKAGE SIZE
	REMARKS

CERTIFICATION PARAMETERS

Complies with EN55011, EN61000, meets CCC, CE, FCC, and CB standards, referencing GB9254-2008, Class A.	EMC ADAPTABILITY
Reference GB/T5080.7, reliability: MTBF 50,000 hours, 90%.	MTBF
IEC61000-4-2/2008; air discharge 8kV; contact discharge 4kV; allows brief functional disturbances, which can automatically recover without manual reset.	ESD
	REMARKS

SPECIFICATIONS & MODELS

23.6-inch Curved All-in-One Screen	SIZE	TOUCH MONITOR
≤ 4mm	TOUCH ACCURACY	
≤ 10ms	RESPONSE TIME	
1920 * 1080	RESOLUTION	
521.395(H) x 293.284(V) mm	DISPLAY AREA	
300cd/m2 (Typ.)	BRIGHTNESS	
R/L 89 (Min.), U/D 89 (Min.) (Typ.) (CR≥10)	VIEWING ANGLE	
Standard configuration RK3399, optional configurations available	MODEL	INDUSTRIAL HOST
4GB, optional configurations availabl	MEMORY CAPACITY	
16GB, optional configurations available	SOLID STATE DRIVE CAPACITYTIME	
Supports 10M/100M/1000M Adaptive Ethernet	NETWORK CAPABILITY	
Speaker output (supports stereo output, builtindual 4Ω/20W, 8Ω/10W amplifier)	AUDIO FUNCTION	
Android 7.1	OPERATING SYSTEM	
DC 5V	INPUT VOLTAGE	BARCODE READER
USB	COMMUNICATION MODE	
5 mil	SCANNING ACCURACY	
-10°C - +50°C	OPERATING TEMPERATURE	

KC236 12 08

PDF417, QR Code, DataMatrix, etc, Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/ EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc	SUPPORTED 1D/2D BARCODE TYPES	
DC 24V, DC 12V (optional)	INPUT VOLTAGE	RECEIPT PRINTER
USB interface, RS232 interface (optional)	COMMUNICATION MODE	
Thermal printing	PRINTING METHOD	
58mm, 72mm(optional)	PRINT WIDTH	
8Ω, 2W	POWER	SPEAKER

PACKAGING PARAMETERS

23.6-inch curved ordering Terminal	DEVICE
1.8-meter power cable x1 / front door key x2 / rear door key x2 / switch panel key x2 / receipt printer key x2	CABLES
Standard matte silver product label	LABEL

23.6-INCH CURVED TERMINAL (PEDESTAL)

KC236 12 02





PARAMETERS OF THE WHOLE MACHINE

60W	POWER CONSUMPTION OF THE WHOLE MACHINE
41.50KG	NET WEIGHT OF THE WHOLE MACHINE
45KG	THE GROSS WEIGHT OF THE WHOLE MACHINE
-10°C ~ 60°C	WORKING TEMPERATURE
-20°C ~ 70°C	STORAGE TEMPERATURE
420 * 556 * 1640mm	THE SIZE OF THE WHOLE MACHINE
540 * 675 * 1720mm	PACKAGE SIZE
	REMARKS

CERTIFICATION PARAMETERS

Complies with EN55011, EN61000, meets CCC, CE, FCC, and CB standards, referencing GB9254-2008, Class A.	EMC ADAPTABILITY
Reference GB/T5080.7, reliability: MTBF 50,000 hours, 90%.	MTBF
IEC61000-4-2/2008; air discharge 8kV; contact discharge 4kV; allows brief functional disturbances, which can automatically recover without manual reset.	ESD
	REMARKS

SPECIFICATIONS & MODELS

KC236 12 02

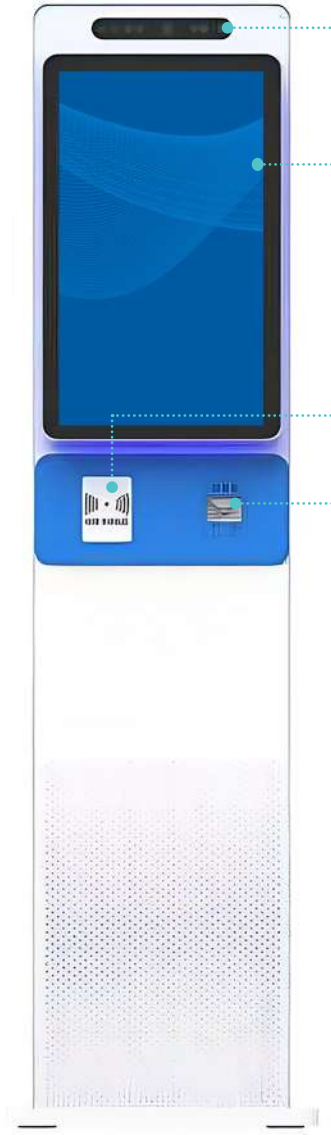
23.6-inch Curved All-in-One Screen (R1800 Curvature)	SIZE	TOUCH MONITOR
≤ 4mm	TOUCH ACCURACY	
≤ 10ms	RESPONSE TIME	
1920 * 1080	RESOLUTION	
521.395(H) x 293.284(V) mm	DISPLAY AREA	
300cd/m2 (Typ.)	BRIGHTNESS	
R/L 89 (Min.), U/D 89 (Min.) (Typ.) (CR≥10)	VIEWING ANGLE	
Rockchip RK3399 (Dual Cortex-A72 large cores + Quad Cortex-A53 small cores) Hexa-core 64-bit Highperformance CPU	MODEL	INDUSTRIAL HOST
4G	MEMORY CAPACITY	
16G	SOLID STATE DRIVE CAPACITY	
Supports 10M/100M/1000M Adaptive Ethernet	NETWORK CAPABILITY	
Speaker Output (supports stereo output, built-in dual 4Ω/20W, 8Ω/10W amplifier)	AUDIO FUNCTION	
Android 7.1	OPERATING SYSTEM	
DC 5V	INPUT VOLTAGE	BARCODE READER
USB	COMMUNICATION MODE	
5mil	SCANNING ACCURACY	FACIAL RECOGNITION CAMERA
-10°C - +50°C	OPERATING TEMPERATURE	
PDF417, QR Code, DataMatrix, etc, Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc	SUPPORTED 1D/2D BARCODE TYPES	
DC 5V	INPUT VOLTAGE	
USB	COMMUNICATION MODE	
Smart facial recognition, maximum resolution: 1920x1080; image distortion less than 1%; field of view angle not less than 60 degrees; Supports clear imaging under low illumination (50 LUX); Supports clear imaging under backlight conditions; Supports automatic frontal face capture; Uses dual-camera technology, must support liveness detection.	FUNCTION OVERVIEW	
0.25-1m	RECOGNITION DISTANCE	
8Ω, 2W	POWER	SPEAKER

PACKAGING PARAMETERS

23.6-inch curved ordering Terminal	DEVICE
1.8-meter Power Cable x1 / Front Door Key x2	CABLES
Standard matte silver product label	LABEL

23.6 INCH SELF-SERVICE REPORTING MACHINE

KC236 12 04





PARAMETERS OF THE WHOLE MACHINE

47W	POWER CONSUMPTION OF THE WHOLE MACHINE
59KG	NET WEIGHT OF THE WHOLE MACHINE
78KG	THE GROSS WEIGHT OF THE WHOLE MACHINE
-10°C ~ 60°C	WORKING TEMPERATURE
-20°C ~ 70°C	STORAGE TEMPERATURE
460 * 460 * 1650mm	THE SIZE OF THE WHOLE MACHINE
560 * 560 * 1720mm	PACKAGE SIZE
	REMARKS

CERTIFICATION PARAMETERS

Complies with EN55011, EN61000, meets CCC, CE, FCC, and CB standards, referencing GB9254-2008, Class A.	EMC ADAPTABILITY
Reference GB/T5080.7, reliability: MTBF 50,000 hours, 90%.	MTBF
IEC61000-4-2/2008; air discharge 8kV; contact discharge 4kV; allows brief functional disturbances, which can automatically recover without manual reset.	ESD
	REMARKS

SPECIFICATIONS & MODELS

23.6-inch Curved All-in-One Screen	SIZE	TOUCH MONITOR
≤ 4mm	TOUCH ACCURACY	
≤ 10ms	RESPONSE TIME	
1920 * 1080	RESOLUTION	
521.395(H) x 293.284(V) mm	DISPLAY AREA	
300cd/m2 (Typ.)	BRIGHTNESS	
R/L 89 (Min.), U/D 89 (Min.) (Typ.) (CR≥10)	VIEWING ANGLE	
Rockchip RK3399 (Dual Cortex-A72 large cores + Quad Cortex-A53 small cores)	MODEL	INDUSTRIAL HOST
4G	MEMORY CAPACITY	
16G	SOLID STATE DRIVE CAPACITYTIME	
Supports 10M/100M/1000M Adaptive Ethernet	NETWORK CAPABILITY	

Speaker Output (supports stereo output, built-in dual 4Ω/20W, 8Ω/10W amplifier)	AUDIO FUNCTION	
Android 7.1	OPERATING SYSTEM	
DC 5V	INPUT VOLTAGE	CONTACTLESS /SE CONDGENERATION ID CARD READER
USB	COMMUNICATION MODE	
0-5CM	READING DISTANCE	
< 1.5s	CARD READING TIME	
13.56 MHz	OPERATING FREQUENCY	
Compliant with ISO14443 standard Type A and Type B CPU cards, M1 cards, ID cards	SUPPORTED CARD TYPES	
WIN98/2000/XP/NT/7/8; LINUX operating system; UNIX operating system; Android system	APPLICATION PLATFORM	
DC 5V	INPUT VOLTAGE	BARCODE READER
USB	COMMUNICATION MODE	
5mil	SCANNING ACCURACY	
-10°C - + 50°C	OPERATING TEMPERATURE	
PDF417, QR Code, DataMatrix, etc, Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSIPlessey, etc	SUPPORTED 1D/2D BARCODE TYPES	

DC 5V	INPUT VOLTAGE	ALIPAY CAMERA
USB	COMMUNICATION MODE	
Smart facial recognition, Alipay application	FUNCTION OVERVIEW	
0.25 - 1m	RECOGNITION DISTANCE	
8Ω, 2W	POWER	SPEAKER

PACKAGING PARAMETERS

23.6inch self-service reporting Terminal	DEVICE
1.8-meter power cable x1 / front door key x2 / rear door key x2 / switch panel key x2 / receipt printer key x2	CABLES
Standard matte silver product label	LABEL

23.6 INCH SELF-SERVICE REPORTING MACHINE

KC236 12 06





PARAMETERS OF THE WHOLE MACHINE

47W	POWER CONSUMPTION OF THE WHOLE MACHINE
59KG	NET WEIGHT OF THE WHOLE MACHINE
78KG	THE GROSS WEIGHT OF THE WHOLE MACHINE
-10°C ~ 60°C	WORKING TEMPERATURE
-20°C ~ 70°C	STORAGE TEMPERATURE
460 * 460 * 1650mm	THE SIZE OF THE WHOLE MACHINE
560 * 560 * 1720mm	PACKAGE SIZE
	REMARKS

SPECIFICATIONS & MODELS

KC236 12 06

TOUCH MONITOR

23.6-inch Curved All-in-One Screen	SIZE
≤ 4mm	TOUCH ACCURACY
≤ 10ms	RESPONSE TIME
1920 * 1080	RESOLUTION
698.4(H) x 392.85(V) mm	DISPLAY AREA
300cd/m2 (Typ.)	BRIGHTNESS
R/L 89 (Min.), U/D 89 (Min.) (Typ.) (CR≥10)	VIEWING ANGLE

INDUSTRIAL HOST

Intel J1900/ I3/ I5/ I7 / Android (optional)	MODEL
4GB / 8GB (optional)	MEMORY CAPACITY
128GB/256GB/512GB (optional)	SOLID STATE DRIVE CAPACITYTIME
1 x Realtek RTL8111HS Gigabit/Fast Ethernet Card	NETWORK
Integrated ALC2682 high-fidelity audio controller, supports MIC, Line-out, and amplifier supporting 2Ω 5W / dual-channel	AUDIO FUNCTION
Windows 7, Windows 10, Linux (optional)	OPERATING SYSTEM

RECEIPT PRINTER

DC 12V	INPUT VOLTAGE
USB interface, RS232 interface (optional)	COMMUNICATION MODE
Thermal printing	PRINTING METHOD
58mm, 72mm (optional)	PRINT WIDTH

BARCODE SCANNING

DC 5V	INPUT VOLTAGE
USB interface, RS232 interface (optional)	COMMUNICATION MODE
0-100000LUX	AMBIENT LIGHT
5 mil	SCANNING ACCURACY
1D/2D barcodes	SUPPORTED BARCODES

FACIAL RECOGNITION CAMERA

DC 5V	INPUT VOLTAGE
USB	COMMUNICATION MODE
2MP, 8MP (optional)	EFFECTIVE PIXELS
Progressive Scan	SCANNING METHOD
25HZ	SCANNING FREQUENCY

MOTORIZED CARD READER

DC 12V	INPUT VOLTAGE
RS232	COMMUNICATION MODE
Motorized card insertion and ejection, three-inone: intelligent recognition of magnetic cards, IC cards, and RF cards	FUNCTION OVERVIEW
Width: 53.92~54.18 mm Length: 85.47~85.90 mm Thickness: 0.4mm~1.2mm (factory standard0.8mm)	CARD SPECIFICATIONS

ID CARD READER

DC 5V	INPUT VOLTAGE
RS232	COMMUNICATION MODE
<3 cm	READING DISTANCE
<1.5 s	CARD READING TIME

METAL KEYBOARD

DC 5V	INPUT VOLTAGE
RS232/USB	COMMUNICATION MODE
Supports PIN encryption, MAC computation, data encryption/ decryption, remote key management	FUNCTION DESCRIPTION

ROOM CARD ISSUING MACHINE

DC 24V	INPUT VOLTAGE
RS232	COMMUNICATION MODE
Supports reading and writing of ISO14443, TYPE A, and ISO15693 contactless cards	SUPPORTED CARD TYPES
Card length 85 ± 0.5mm, card width 54 ± 0.5mm, card thickness 0.7 ~ 1.0mm	SUPPORTED CARD DIMENSIONS
Supports capacities of 50, 100, 150, and 200 cards, based on a card thickness of 0.76mm	CARD BOX CAPACITY

SPEAKER

8Ω, 2W	POWER

PACKAGING PARAMETERS

DEVICE

23.6inch self-service reporting Terminal

CABLES

1.8-meter power cable x1 / front door key x2 / rear door key x2 / switch panel key x2 / receipt printer key x2

LABEL

Standard matte silver product label

32-INCH CURVED HOTEL SELFSERVICE TERMINAL

KC320 12 01



Facial Recognition Camera

32-inch Cuved All-in-One Screen

1D/2D Barcode Scanning

Contactless Card Reading

UnionPay Card Reader

Password Keyboard

Receipt Printer

Receipt Printer





PARAMETERS OF THE WHOLE MACHINE

60W	POWER CONSUMPTION OF THE WHOLE MACHINE
72KG	NET WEIGHT OF THE WHOLE MACHINE
87KG	THE GROSS WEIGHT OF THE WHOLE MACHINE
-10°C ~ 60°C	WORKING TEMPERATURE
-20°C ~ 70°C	STORAGE TEMPERATURE
558 * 560 * 1858mm	THE SIZE OF THE WHOLE MACHINE
760 * 710 * 2010mm	PACKAGE SIZE
	REMARKS

CERTIFICATION PARAMETERS

Complies with EN55011, EN61000, meets CCC, CE, FCC, and CB standards, referencing GB9254-2008, Class A.	EMC ADAPTABILITY
Reference GB/T5080.7, reliability: MTBF 50,000 hours, 90%.	MTBF
IEC61000-4-2/2008; air discharge 8kV; contact discharge 4kV; allows brief functional disturbances, which can automatically recover without manual reset.	ESD
	REMARKS

SPECIFICATIONS & MODELS

KC320 12 01

23.6-inch Curved All-in-One Screen	SIZE	TOUCH MONITOR
≤ 4mm	TOUCH ACCURACY	
≤ 10ms	RESPONSE TIME	
1920 * 1080	RESOLUTION	
698.4(H) x 392.85(V) mm	DISPLAY AREA	
300cd/m2 (Typ.)	BRIGHTNESS	
R/L 89 (Min.), U/D 89 (Min.) (Typ.) (CR≥10)	VIEWING ANGLE	
Intel J1900/ I3/ I5/ I7 / Android (optional)	MODEL	INDUSTRIAL HOST
4GB / 8GB (optional)	MEMORY CAPACITY	
128GB/256GB/512GB (optional)	SOLID STATE DRIVE CAPACITYTIME	
1 x Realtek RTL8111HS Gigabit/Fast Ethernet Card	NETWORK	
Integrated ALC2682 high-fidelity audio controller, supports MIC, Line-out, and amplifier supporting 2Ω 5W / dual-channel	AUDIO FUNCTION	
Windows 7, Windows 10, Linux (optional)	OPERATING SYSTEM	
DC 12V	INPUT VOLTAGE	RECEIPT PRINTER
USB interface, RS232 interface (optional)	COMMUNICATION MODE	
Thermal printing	PRINTING METHOD	
58mm, 72mm (optional)	PRINT WIDTH	

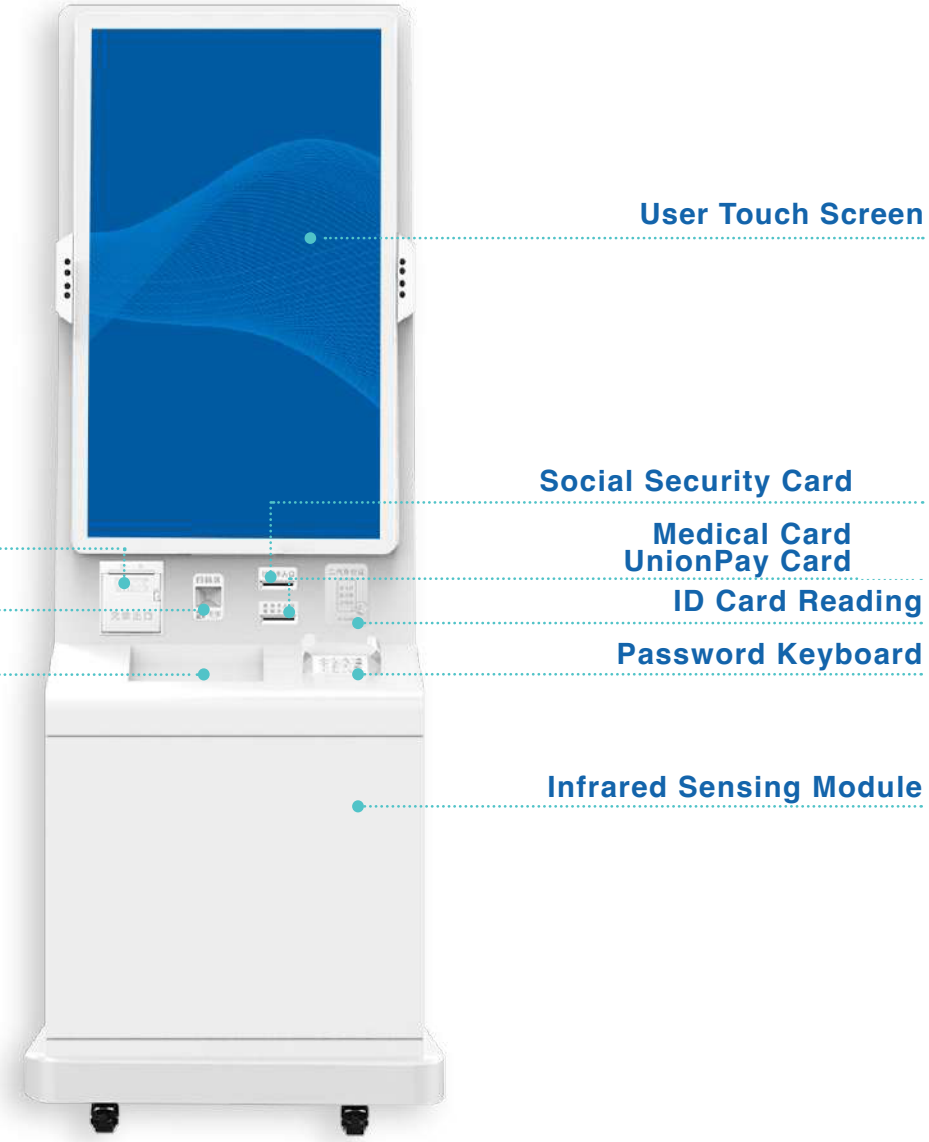
DC 5V	INPUT VOLTAGE	BARCODE SCANNING
USB interface, RS232 interface (optional)	COMMUNICATION MODE	
0-100000LUX	AMBIENT LIGHT	
5 mil	SCANNING ACCURACY	
1D/2D barcodes	SUPPORTED BARCODES	
DC 5V	INPUT VOLTAGE	FACIAL RECOGNITION CAMERA
USB	COMMUNICATION MODE	
2MP, 8MP (optional)	EFFECTIVE PIXELS	
Progressive Scan	SCANNING METHOD	
25HZ	SCANNING FREQUENCY	
DC 12V	INPUT VOLTAGE	MOTORIZED CARD READER
RS232	COMMUNICATION MODE	
Motorized card insertion and ejection, three-inone: intelligent recognition of magnetic cards, IC cards, and RF cards	FUNCTION OVERVIEW	
Width: 53.92~54.18 mm Length: 85.47~85.90 mm Thickness: 0.4mm~1.2mm (factory standard0.8mm)	CARD SPECIFICATIONS	
DC 5V	INPUT VOLTAGE	ID CARD READER
RS232	COMMUNICATION MODE	
<3 cm	READING DISTANCE	

<1.5 s	CARD READING TIME	
DC 5V	INPUT VOLTAGE	METAL KEYBOARD
RS232/USB	COMMUNICATION MODE	
Supports PIN encryption, MAC computation, data encryption/ decryption, remote key management	FUNCTION DESCRIPTION	
DC 24V	INPUT VOLTAGE	ROOM CARD ISSUING MACHINE
RS232	COMMUNICATION MODE	
Supports reading and writing of ISO14443, TYPE A, and ISO15693 contactless cards	SUPPORTED CARD TYPES	
Card length 85 ± 0.5mm, card width 54 ± 0.5mm, card thickness 0.7 ~ 1.0mm	SUPPORTED CARD DIMENSIONS	
Supports capacities of 50, 100, 150, and 200 cards, based on a card thickness of 0.76mm	CARD BOX CAPACITY	
8Ω, 2W	POWER	SPEAKER

PACKAGING PARAMETERS

23.6inch self-service reporting Terminal	DEVICE
1.8-meter power cable x1 / front door key x2 / rear door key x2 / switch panel key x2 / receipt printer key x2	CABLES
Standard matte silver product label	LABEL

SELF-SERVICE TERMINAL FOR MEDICAL COMMUNICATION



PRINTING FUNCTION: Receipt printing, black-and-white & color report printing, used to support various process-related print tasks.

CARD READING FUNCTION: Includes social security cards, resident health cards, medical cards, bank cards, and ID cards.

BARCODE SCANNING FUNCTION: Includes scanning of 1D and 2D barcodes

TOUCH SCREEN FUNCTION (32-INCH SCREEN): Users can touch the screen to control various functions

FACIAL RECOGNITION: Professional facial recognition camera enables facial recognition, environmental sensing, and other advanced features, supporting Alipay facial payment

SURVEILLANCE MODULE: Install a DVR to support multiple surveillance channels, with single-channel storage supporting over 30 days of video recording

UPS MODULE: Optional backup power module to prevent data loss caused by unexpected power outages

SMART REMINDERS: Lighting reminder function at each function entrance/exit

VOICE REMINDER: Equipped with a voice prompt feature

ELECTRONIC LOCK: Electronic key sensing for opening the front door, easier daily maintenance and paper loading

UV STERILIZATION FUNCTION: UV sterilization feature, can disinfect when not in use by personnel

CUSTOMIZABLE CABINET COLOR AND LOGO: Customizable machine appearance to meet various customer needs

SPECIFICATIONS & MODELS

Self-service Terminal	PRODUCT NAME	OVERALL SPECIFICATIONS
	MODEL	
≤ 10ms	INPUT POWER	
1920 * 1080	POWER	
698.4(H) x 392.85(V) mm	DISPLAY	
300cd/m2 (Typ.)	DIMENSIONS (L*W*H)	
R/L 89 (Min.), U/D 89 (Min.) (Typ.) (CR≥10)	WEIGHT	
Intel J1900/ I3/ I5/ I7 Android (optional)	NTERFACES	
4GB / 8GB (optional)	MEMORY	
128GB/256GB/512GB (optional)	HARD DRIVE	
1 x Realtek RTL8111HS Gigabit/Fast Ethernet Card	CPU	
Integrated ALC2682 high-fidelity audio controller,supports MIC, Line-out, and amplifier supporting 2Ω 5W/ dual-channel		OPERATING ENVIRONMENT
Windows 7, Windows 10, Linux (optional)		
DC 12V		
USB interface, RS232 interface (optional)		STORAGE ENVIRONMENT
Thermal printing		
58mm, 72mm (optional)		OPERATING SYSTEM

OPTIONAL CONFIGURATIONS (CUSTOMIZABLE)

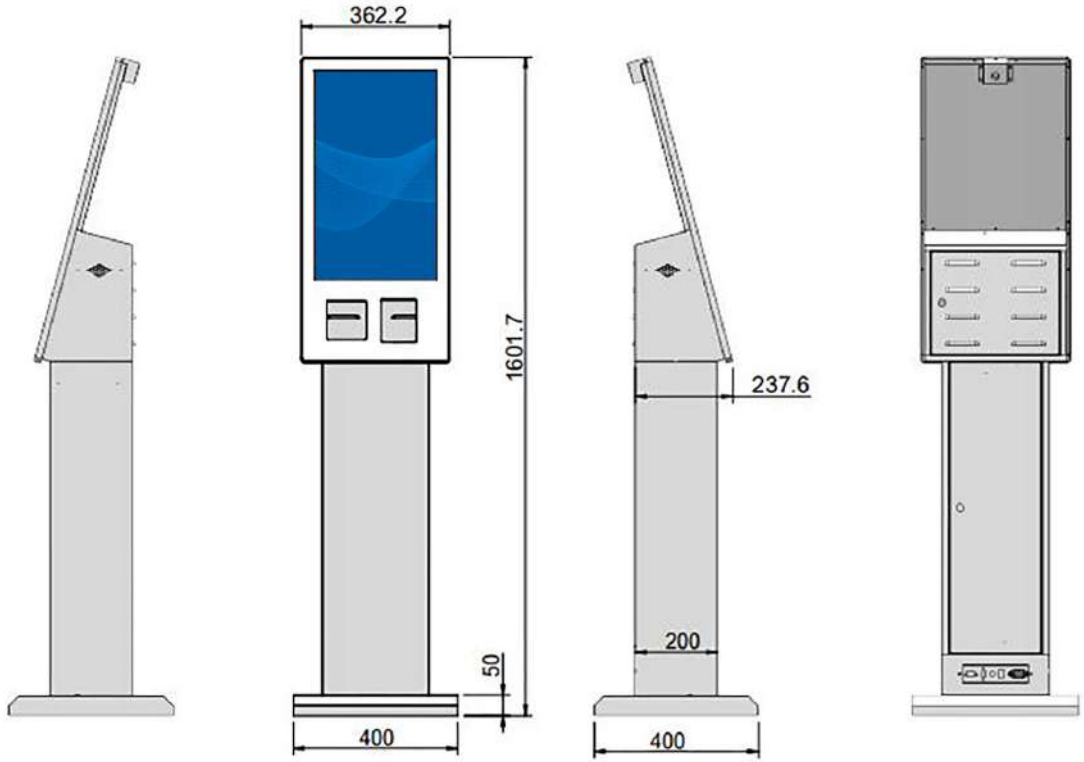
*1	RECEIPT PRINTING
*1	REPORT PRINTING
*1	BARCODE SCANNING
*1	CONTACTLESS CARD READING MODULE
*1	CONTACT CARD READING MODULE
*1	ID CARD READING
*1	STERILIZATION MODULE
*1	FACIAL RECOGNITION
*1	SURVEILLANCE RECORDING MODULE
*1	VOICE INTERACTION MODULE



23.8-INCH SELF-SERVICE TERMINAL ALL-IN-ONE MACHINE

KC238 11 01





SPECIFICATIONS & MODELS

KC238 11 01

Quad-core 1.8GHz Cortex-A17	CPU	ANDROID SYSTEM
Rockchip RK3288	MAIN BOARD	
RAM: 2GB; Storage: 16GB	MEMORY	
Supports wired, wireless WiFi, and Bluetooth	NETWORK	
HDMI Output x1, SD Card x1, USB 2.0 x2, RJ45 x1, 3.5mm Audio Output x1	INTERFACES	
Android 7.0	OPERATING SYSTEM	
23.8-inch capacitive screen	TOUCH SCREEN	DISPLAY
1920 * 1080	RESOLUTION	
Finger, capacitive stylus	TOUCH METHOD	
1000:1	CONTRAST	
300 cd/m²	BRIGHTNESS	
16 : 9	RATIO	
8ms	RESPONSE TIME	
Line thermal	PRINTING METHOD	THERMAL PRINTER
58mm	PAPER WIDTH	
150mm/s	PRINTING SPEED	
RS-232 serial port, USB	COMMUNICATION INTERFACE	

2MP	PIXEL	DUAL-LENS CAMERA
1920 * 1080 * 2	RESOLUTION	
USB Interface	INTERFACE	



MEDICAL HIGH-VALUE CONSUMABLES CABINET



PRODUCT OVERVIEW

The MC08 Medical Consumables Cabinet uses ultra-high frequency RFID automatic identification technology to assign a unique identification number to each hospital consumable. The RFID system automatically scans the cabinet's labels, counts the consumables, tracks the process of taking and placing items, and communicates with the backend data management center to achieve intelligent control over consumables, including access management, automatic inventory, and real-time monitoring of consumable data. The system can dynamically display inventory levels, usage information, etc.

SPECIFICATIONS & MODELS

	PRODUCT MODEL	SPECIFICATIONS
Android 4+32	SYSTEM	
700 * 672 * 2000 mm	DIMENSIONS (WDH)	PHYSICAL PARAMETERS
Approximately 150kg	WEIGHT	
1.2mm high-quality carbon steel, aerospace-grade aluminum, high-quality tempered glass	MATERIAL	
15.6-inch capacitive touch screen, resolution 1920 * 1080	SCREEN	
TCP/IP 100M	COMMUNICATION METHOD	
AC220V, 50Hz	POWER SUPPLY INPUT	
1 USB port	EXTERNAL INTERFACE	
≤150W AC220V	POWER CONSUMPTION	
Bottom foot cups /casters	FIXED /MOVABLE	
Ultra-high frequency RFID	RECOGNITION METHOD	ULTRA - HIGH FREQUENCY RFID
CN and FCC	FREQUENCY RANGE	
ISO 18000-6C / EPCglobalC1 G2	RF PROTOCOL STANDARD	
500pcs / 5 seconds	READING TIME	
33dBm (Maximum power)	OUTPUT POWER	
± 0.2dB	OUTPUT POWER FLATNESS	
± 1dB	OUTPUT POWER ACCURACY	
Impinj E710	RFID MAIN CHIP	
- 88dBm	READER SENSITIVITY	
Wideband modulation / fixed frequency	MODULATION TYPE	
8dB	ANTENNA GAIN	
Circular polarization	ANTENNA POLARIZATION	
Standard	TEMPERATURE SENSOR	PERIPHERAL CONFIGURATION
Standard	PM2.5 SENSOR	
Standard	STRIP SCREEN	
Standard	HIGH-FREQUENCY -CARD READER	
Standard	FACIAL RECOGNITION	
Standard	FINGER VEIN/ FINGERPRINT	
Optional	PLASMA DISINFECTION	
Optional	4G ROUTER	
Standard	WIFI	
-10 ~ 60°C	OPERATING TEMPERATURE	OPERATING ENVIRONMENT
-10 ~ 60°C	STORAGE TEMPERATURE	



HORIZONTAL TOUCH ALL-IN-ONE SERIES SPECIFICATIONS



SOFTWARE RUNNING DIAGRAM

- Operating System: Android 4.2 or higher
- Supports free split-screen, scheduled power on/off, etc.
- The system supports USB upgrade or remote network upgrade.
- Supports live streaming function.
- Supports full-screen or half-screen insertion functions.
- Remote monitoring of video playback status.
- Supports wired, WIFI networks, and 3G expansion.

	32	43	49	55	65
LCD SCREEN BRAND	Brand-new LCD panel	Brand-new LCD panel	Brand-new LCD panel	Brand-new LCD panel	Brand-new LCD panel
DISPLAY AREA	698.4 * 392.85 mm(H×V)	941,184 * 529.416 mm(H×V)	1073.78 * 604 mm(H×V)	1209.6 * 680.4 mm(H×V)	1427.5 * 802.5 mm(H×V)
OVERALL DIMENSIONS	749.7mm*444.3mm*65mm	991.2mm * 579.4mm * 65mm	1127mm * 657mm * 65mm	1259.6mm * 730.4mm * 65mm	1478.5mm * 853.5mm * 57mm
MATERIAL	Tempered glass + aluminum edging + cold-rolled back panel	Tempered glass + aluminum edging + cold-rolled back panel	Tempered glass + aluminum edging + cold-rolled back panel	Tempered glass + aluminum edging + cold-rolled back panel	Tempered glass + aluminum edging + cold-rolled back panel
POWER SUPPLY	AC90-240V	AC90-240V	AC90-240V	AC90-240V	AC90-240V
ASPECT RATIO	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
POWER	65W	70W	80W	90W	95W
STANDBY POWER CONSUMPTION	< 3W	< 3W	< 3W	< 3W	< 3W
AUDIO OUTPUT	8Ω, 7W	8Ω, 7W	8Ω, 7W	8Ω, 7W	8Ω, 7W
RESOLUTION	1920*1080	1920*1080	1920*1080	1920*1080	1920*1080
STANDARD COLORS	Silver, Black (White available upon customization)	Silver, Black (White available upon customization)	Silver, Black (White available upon customization)	Silver, Black (White available upon customization)	Silver, Black (White available upon customization)
NOTE			100 units: 10 working days 500 units: 12 working days 1000 units: 15 working days		

CONTACT US

LFTouch · LFTouch Co., Ltd.
www.lftouch.com · sales@lftouch.com
+86 158 8941 6731
2nd Floor, Building 2, Meitai Technology Park, Guihua Community,
Guanlan Street, Longhua District, Shenzhen, Guangdong, China 518110

OUR CERTIFICATIONS