

SELF SERVICE KIOSK

KPK-FVP-W0238



Hardware Features

- 23.8" Full HD (1920×1080) capacitive touchscreen (multi-touch)
- Dual 1080p cameras with IR (850 nm); HDR 1080p sensors; up to 1920×1080 @30 fps.
- Durable enclosure (metal, aluminum, or reinforced plastic)
- 2D QR / Barcode scanner.
- 80 mm thermal receipt printer, max 160 mm/s, auto cutter (full/half).
- x86 PC module (Intel® Core™ i5-8250U, 8 GB DDR4, 128 GB SSD).
- I/O: HDMI out×1, VGA out×1, USB 3.0×4, RJ45×1, Audio×1, Mic×1; Gigabit Ethernet.
- Metal enclosure; floor-stand base mount.

Random accessories

- 1.Touch all-in-one machine 1 unit
- 2.Certificate of Conformity 1 piece
- 3.Warranty card 1 piece
- 4.power cord 1 piece
- 5.Base bracket 1 set
- 6.Antenna rod 2 pieces



PRODUCT SPECIFICATIONS

1.Display & System

Product Parameters	Display & System
Display size	23.8 inches
Display Aspect Ratio	16:9
Resolution	1920(RGB)×1080 [FHD] 92
Refresh rate	60Hz
Display area	89/89/89/89 (Min.)(CR≥10)
brightness	250 (Typ.)
Contrast	16.7M/1.07B, 72% NTSC
Viewing angle	89/89/89/89 (Typ.)(CR≥10)
Response time	14 (Typ.)(G to G) ms
system	Windows

2. Touch

Product Parameters	Touch
Writing style	Capacitive G+G touch technology
Positioning accuracy	Finger or capacitive touch pen
Reaction time	More than 90% of the touch area is $\pm 2\text{mm}$
Touch resolution	<8ms
Number of touches	32767*32767
Drivers	Automatic system recognition, no need to drive

3. QR Code Scan

Product Parameters	QR Code Scan
Image sensor	640x480 CMOS
illumination	White LED (6500K)
Code reading system	2D : PDF417, Data Matrix, QRcode, etc. 1D: terleaved 2 of 5, ISBN, Code 93, Code 11, UCC/EAN-128GS1 Databar, Matrix 2 of 5, Industrial 2 of 5, Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Standard 2 of 5, MSI-Plessey, Gs1 composite code, etc.
Contrast	$\geq 20\%$
Barcode sensitivity	Tilt $+60^\circ$, yaw $+55^\circ$, rotation 360°
Field of view	Diagonal 72°
Motion Tolerance	$\geq 0.2\text{m/s}$

4.Camera

Product Parameters	Camera
Hardware pixels	1920*1080*2
DSP solution	SONIX*2
Image sensor	HDR1080P*2
Image dynamic image resolution and transmission rate	1920*1080/30fps 1280*720/30fps 800*600/30fps 640*480/30fps 352*288/30fps 320*240/30fps; 160*120/30fps
Captured image resolution	1920*1080 OR Other
signal-to-noise	41 db
Dynamic Range	100 db
Adjust focal length	60CM
Infrared wavelength	850(Narrowband)

5.Printer

Product Parameters	Printer
	Thermal line printing
Resolution Printing method	203Dpi (8dot/mm)
Print speed	MAX.160mm/s
Effective printing width	72mm
interface	Serial,USB, Parallel
Paper type	Continuous thermal paper, die-cut label paper, black label paper
Paper width	43-80mm (adjustable)
Paper roll diameter	Max.80mm
Paper thickness	0.053-0.09mm(receipt)/0.10-0.15mm(label)
Paper loading method	Easy to load paper
Automatic cutter	Full and half cuts (by command)
Print head life	100km (12.5% printing rate)
Cutter life	More than 1 million times
Chinese	GBK:16x16,24x24
Spanish	ASCII:8x16,9x17,9x24,12x24
One-dimensional	UPC-A,UPC-E,EAN8,EAN13,code39,ITF,CODEBAR,CODE128,COD E93
2D	QR code,PDF417
RAM	64K
Flash	4M

6.Machine

Product Parameters	Machine
Motherboard solution	1356-TI4
CPU	Intel Core i5 8250U 4 cores 8 threads, main frequency 1.60 GHz
Memory	DDR4-2133 8GB
harddisk	SSD 128GB
Graphics card	Intel® UHD Graphics 620
trumpet	8Ω5W*2
IO/Interface	HDMI out*1/VGA out*1/USB3.0*4/RJ45*1/AUDIO*1/mic*1
network	10M/100M/1000M adaptive Ethernet
Shell material	Full sheet metal structure design
color	White
Overall dimensions	1658.5 *600.4*134.9mm
Packing size	TAB
net weight	TAB
Gross weight	TAB
Maximum power consumption rate	≤85W
Standby power	≤0.5W
Installation	Base bracket

PRODUCT DIMENSIONS / TECHNICAL DRAWING

