



**Model: PTSC-GD215 VERTICAL - 21.5 Inch Panel PC
High Resolution 1920x1080 RFID Reader Integrated**

1. 21.5" Industrial LCD panel, vertical screen ,16:9 aspect ratio
2. Intel® celeron J1900, 2.0GHz, quad core, fanless / RK3288 Quad-core Cortex-A17 up to 1.8GHz
3. True flat 10 points P-Cap multi-touch screen
4. Aluminum frame and sheet metal back case
5. Front IP65 waterproof and dustproof for harsh and industrial environments
6. RFID 13.56MHz Reader
6. Windows 10 IOT / Android 7.1.2

System		
	Windows version	Android version
CPU	Intel® celeron J1900, 2.0GHz, quad core, fanless	RK3288 Quad-core Cortex-A17 up to 1.8GHz
CPU Optional	Industrial motherboard, Intel i3,i5,i7	RK3399 Six Core
Memory	DDR3: 2G,4G,8G	2GB (4G Optional)
Hard Drive Capacity	SSD: 32G,64G,128G	8GB (16/32G Optional)
Graphics	CPU Integrated graphics HD Graphics and support 720P/1080P HD photo quality	Mali – T764 GPU
Audio	Realtek ALC662, High Definition Audio (HD), Line in, Line out	Speaker 2x2W
Network	Onboard Realtek RTL 8111E Gigabit Ethernet controller	10/100/1000 Gigabit Ethernet
Wireless Network	WIFI optional	WIFI & BT
I/O Interface	2 xCOM RS232, 1 xLAN, 2xUSB, 1xHDMI	1 x RJ45 LAN, 2xUSB (with OTG), 1xHDMI, 1xAudio, 1xSD Card Slot
Operation System	Support Windows 7/8/10, Linux	Android 7.1.2

Technical Doc. :	ST_PTSC- GD215VERTICAL_R011.docx1
Equipment:	PTSC-GD215VERTICAL
Revision :	1.1

Operating Environment

Temperature Range	operating: 0°C-50°C, storage: -10°C-60°C
Relative humidity	0%~90% Storage 0%-65%
Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis

Packing Details

Net weight	7.6 KG
Product Dimension	324.8*594*43.2mm

Other

Mounting (options)	wall bracket for wall-mounting, VESA 100×100mm Desk Stand Holder
Certificate	CE, FCC, RoHS, CCC
Warranty	1 year warranty

LCD panel

Panel size	21.5"
Resolution	1920x1080
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m ²)	300 nits
Refresh Rate	60Hz
Response time	1.3/3.7ms
Contrast ratio	≥1000:1
Life time	50.000 hours
View angle	89°/89°/89°/89° (R/L/U/D)

Touch panel

Touchscreen Type	10 point P-Cap Multi-touch, Zooming in/out pictures
Surface Hardness	Mohs Level 7 explosion-proof glass
Luminousness	90%
Touch Interface	USB
Touch response time	<5ms
Working Life	More than 50 million theory clicks
Scanning rate	200 Hz

Card Reader

Card supported	Support Mifare standard; Support Card with S50,S70, ICODE2 chip card
Protocol Supported	14443A, 15693
Identification Distance	0~80mm

Power Supply

External Power Supply	110-240V AC 50/60Hz
Working voltage	DV 12V 5 A
Power consumption	≤60W Windows version / <48W Android version

Enclosure

Material	Aluminum Alloy with metal structure
Color	Black, white, for choice
VESA mounting	75x75, 100×100mm
IP-grade	Font panel IP65, Rear IP32