

# NIOSTAR®

## *NIOSTAR VISION 24*

### Self-service Kiosk



- ✓ 23.8" True-flat PCAPtouch screen
- ✓ Support both floor-standing or wall-mount
- ✓ Modular design for easy serviceability
- ✓ Industrial-grade components assure
- ✓ Back screw lock, easy to open maintenance
- ✓ Application: product display & advertising,  
ordering & payment, click & ticketing & e-reservations etc



Front View

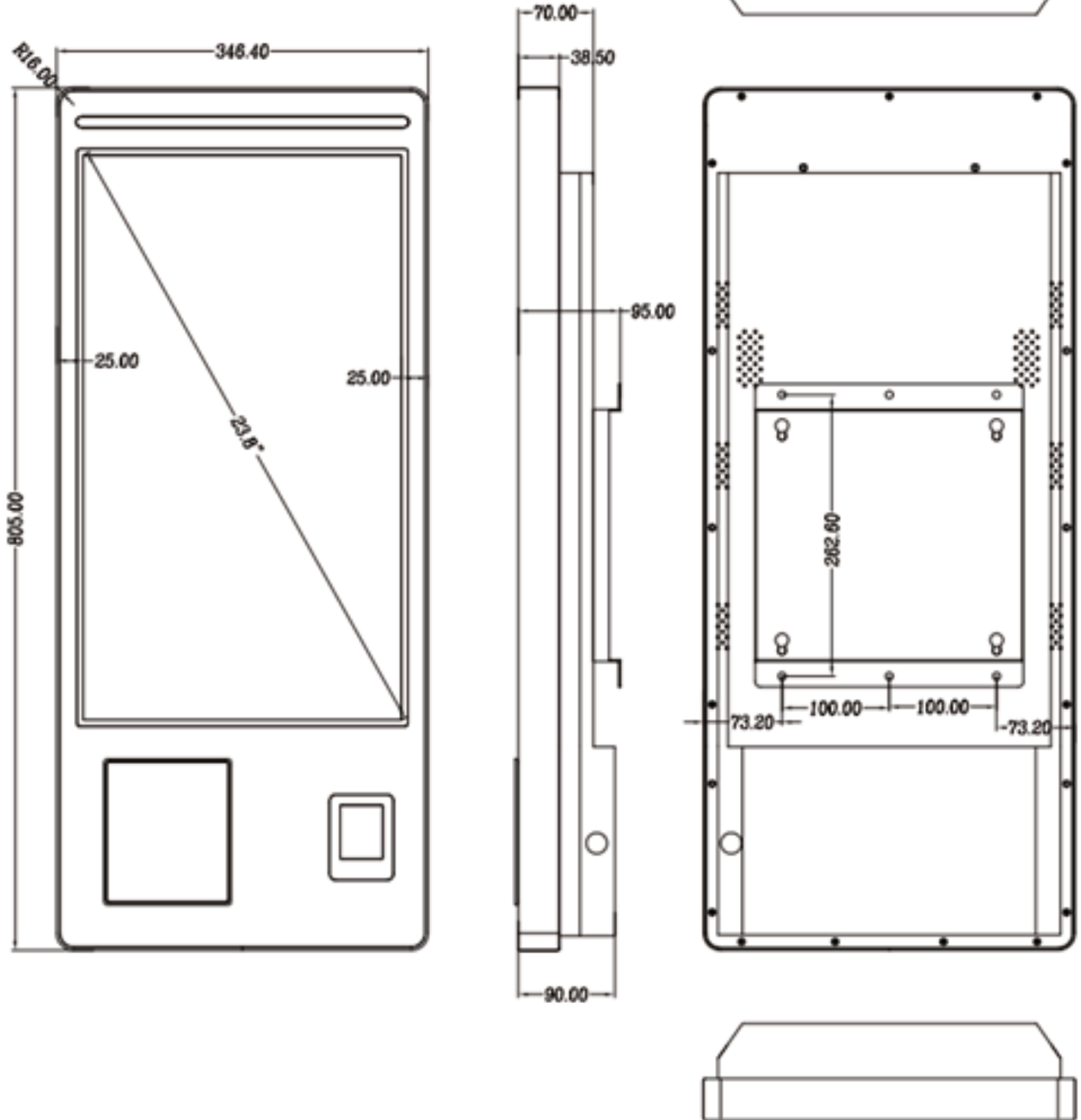


Side View



Rear View

# NIOSTAR®



**Product Features**

Model

NIOSTAR VISION 24

**The main function**

23.8-inch touch screen, support 10-point capacitive touch function.

7\*24 hours ultra-stable industrial control CPU

Supports multiple screen sizes: 21.5",23.8",27",32"

13.56MHz IC/ID card reader

Face recognition comparison

Print thermal receipt

Wall mount: Includes wall hanging accessories

**Product Performance****Monitor**

Panel Type	THD-LCD, LED	Screen size	23.8 inches
LCD color	16 . 7M	Screen Ratio	16:9
Resolution	1920x1080@60Hz	Display area	534.04x307.76 mm (H×V)
Brightness	350 cd/m²(Typ.)	Response time	30ms
Touch Function	10 point capacitive touch	Surface Response Time	10ms
Contrast	700:1(Typ.)(transmission)	Touch Method	Finger Or Capacitive Stylus
Viewing angle (horizontal/vertical)	85/85/85/85(Typ.)(CR≥10)(Left/Right/Up/Down)		
Transmittance	>85%	OS	Windows 10 Pro
SSD	NVME 64G,128G or 256G (Default 256G)	Memory	8GB
Processor	Intel® Celeron® J6412 CPU 4M Cache, up to 2.70 GHz (fanless)		

**I/O Interface**

LAN\*1 DC input \*1 USB\*4 HDMI\*1 COM\*1 Audio in / out\*1

**NFC**

Frequency	13.56MHz	Reading distance	0-3cm
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**Printer**

Printing Method	Line Thermal	Print Width	72MM
Paper Loading	Front loading structure	Printing Speed	80MM/S
Paper Specifications	40MM~79MM±0.5MM	Print head life	50KM
Paper cutting method	Automatic paper cutting (full/half cutting)		

**Barcode Scanner**

Image Sensor	640×480 CMOS : 120FPS	Illumination	White light LED(6500K)
Code System	2D	PDF417, Data Matrix, QR Code	
	1D	Interleaved 2 of 5, ISBN, Code 93, Code 11,UCC/EAN-128 GS1 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.....	
Barcode Sensitivity	Tilt ±55°, Yaw ±55°, Rotate 360°	Reading accuracy	≥5mil
Communication Interface	USB		
Working Voltage/Current	5V DC±10% (typical value) less than 190mA (5V input) less than 100mA (10V input)		

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**Internal camera (optional)**

Photosensitive Element	CMOS	Clarity	200W pixels 1920*1080fhd
Fixed Focus Lens	7cm	Liveness detection	Liveness detection
Output Format	YUV/MJPEG.H.264	White Balance	Automatic
Illumination	Minimum 0.1LUX		

**Mobile communication module (optional)**

Frequency band	FDD LTE: B1/B3/B8 TDSCDMA: B34/B39 CDMA 1x/EVDO: Bc0	TDD LTE: B38/B39/B40/B41 W CDMA: B1/B8 GSM: 900/1800	
LTE version	3GPP E-UTRA Release 11	Bandwidth	1.4/3/5/10/15/20MHz
Antenna	DL MIMO, Support Rx-diversity		
Data transfer rate	LTE LTE-FDD: Max 150Mbps (DL) Max 50Mbps (UL) LTE-TDD: Max 130Mbps (DL) Max 35Mbps (UL) DC-HSPA+ : Max 42Mbps (DL) Max 5.76Mbps (UL) UMTS : Max 384Kbps (DL) Max 384Kbps (UL) TD-SCDMA : Max 4.2Mbps (DL) Max 2.2Mbps (UL) CDMA : Max 3.1Mbps (DL) Max 1.8Mbps (UL) EDGE : Max 236.8Kbps (DL) Max 236.8Kbps (UL) GPRS : Max 85.6Kbps (DL) Max 85.6Kbps (UL)		
AT command version	3GPP TS27.007 and enhanced AT commands		
Interface	USB 2.0 high-speed interface, 480Mbps		
SIM card interface	Standard drawer user card interface		
Function	With voice, SMS, GPS and high-speed data services		

**Use Environment**

Temperature	0°C —40°C	Relative humidity	<80%
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**Storage Environment**

Temperature	-20°C—55°C	Relative humidity	<90%
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**Power Indicator**

Using electric	DC 12V 8A	Continuous Working Time	7×24 hours
Power	Standby 15W (max) Printing 48W (max)		

**Weight****Size**





# **NIOSTAR®**

NIOSTAR® is een geregistreerd merk  
en wordt in België vertegenwoordigd door

Altmanner BV

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