

DS-TPP427 Automatic Payment Machine



- Integrated voucher printer, scanner, contactless card reader, banknote feeder, coin slot, coin change and other functions;
- improve the efficiency of charging, improve the level of information management, and is suitable for all kinds of charging parking places.
- Use SCN bill and coin module, up to 99% recognition accuracy rate

▪ Specification

Main LCD	
Panel Type	a-Si TFT-LCD
Screen Dimensions	18.5 inch
Display Color	16.7 M
Screen Ratio	16:9
Resolution	1366 × 768, SXGA
Panel Brightness	1000 cd/m ² (Typ.)
Contrast	1000:1 (Typ.) (transmission)
Touch Resolution	32767 × 32767
Touch Accuracy	< 1.5 mm (central area), < 3.2 mm (edge area)
Response Time	< 16 ms
Touch Intensity	< 85 g
Touch Times	No limit
Service Life	30000 h
Transmittance	> 95%
PC	
Mainboard	Mini ITX
CPU	I3 10110
Memory	4G DDR4 memory
Storage	256 G SSD
System	Win10 X64 operating system
Bill Collection	
Supported Currency Type	Max. 5
Reliability	MTBF (Mean Time Between Failures): 200,000 h
Extensibility	Multiple cash boxes/panels available
Communication Interface	RS-232
Power Supply	12 VDC
Bill Collection Capacity	500 pieces (1000 pieces available)
Bill Change	
Supported Currency Type	Max. 3
Reliability	MTBF (Mean Time Between Failures): 200,000 h
Extensibility	Multiple cash boxes/panels available
Communication Interface	RS-232
Power Supply	12 VDC
Bill Change Capacity	500 pieces
Coin Collection	
Coin In Mode	From top/side
Receiving Type	Max. 3
Coin Collection Box Capacity	137 mm × 167 mm × 55 mm (E.g., 800 × RMB 1 coin)
Receiving Speed	2 coins/s
Coin Classification Channel	3 channels optional
Coin Dimensions	φ 15 to 30 mm
Security Certificate	CE, RoHS
Coin Change	
Coin Out Mode	Orbital coin out

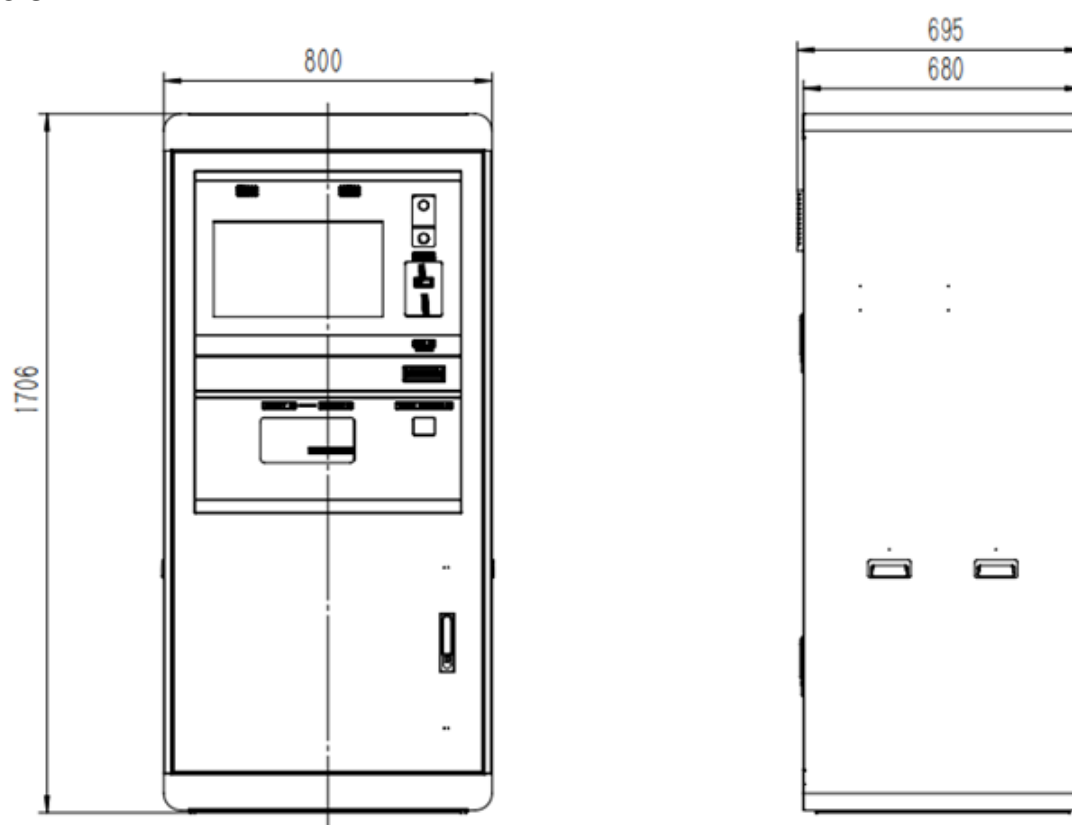
Coin Out Type	Max. 2
Coin Change Box Capacity	Ultra-large capacity (E.g., 1300 × RMB 1 coin)
Service Life	3,000,000 coins, no internal spring, no quick-wear part, durable
Printer	
Print Mode	Thermal line printer
Print Speed	Max. 150 mm/s
Print Direction	One-way friction paper feed
Paper Width	80 mm
Max. Width of Winding Shaft	Max. 100 mm
Print Density	8 dots/mm
Valid Print Width	76 mm
Video Intercom	
Resolution	Main stream: 1920 × 1080p Sub stream: 640 × 480p
FoV	Horizontal: 131°, vertical: 78°
Supplement Light	IR light, up to 3 m
Audio Input	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker
Volume Adjustment	Adjustable
Code Reading	
Recognition Mode	CMOS
Image Pixel	640 × 480
Reading Angle	Tilt angle: ± 65°, pitch angle: ± 45°
Reading Code Type	Bar code, QR code
Interface	USB, RS-232
Reading Distance	50 cm to 120 cm
Temperature Control System	
Heater	500 W PTC heater, combined with 9225 ball fan to raise case temperature quickly
Radiator	12025 dual fans for heat dissipation
Controller	Temperature range: 0 to 60 °C, auto control
Dehumidifier	60 W, dehumidification space: 2 m ³ , moisture removal: 300 ml/day, auto dehumidification, humidity range: 0 to 99% RH
UPS	
Capacity	2000 VA/1200 W
Input Voltage	Rated voltage: 220 VAC, input voltage range: 140 to 290 VAC @ 50 Hz ± 10%
Output Voltage	Output voltage range under utility mode: 210 to 235 VAC ± 1%, output voltage range under battery mode: 220 VAC ± 10% @ 50 ± 1 Hz, transition time: 2 to 6 ms, simulated sine wave
Alarm	1 time/8 s under battery mode, 1 time/1 s under low battery mode, 1 time/0.5 s under overload mode, continuous buzzer under error
Battery	12 V 9 AH battery set, chargeable to 90% in 6-8 h, enabling the device of 100 W to work for approx. 70 min under battery mode without power supply
Protection Function	Surge protection, Overload protection, Discharge protection, Short circuit protection
Installation	
Maintenance Mode	Front maintenance installation, no need to embed into the wall

General	
Working Environment	Working temperature: -25 °C to 50 °C (-13 °F to 122 °F), humidity: 10% to 90%
Storage Temperature and Humidity	Storage temperature: -25 °C to 70 °C (-13 °F to 158 °F), humidity: 10% to 90%
Working Voltage	220 VAC
Power Consumption	< 200 W
Dimensions	800 × 1706 × 695 mm (31.5 × 61.2 × 27.4 inch)
Dimensions (with Package)	900 × 1930 × 800 mm (35.4 × 76.0 × 31.5 inch)
Weight	195 kg (429.9 lb.)
Weight (with Package)	220 kg (485.0 lb.)

▪ Available Model

DS-TPP427

▪ Dimension



See Far, Go Further



www.hikvision.com
support@hikvision.com

