

Facial Recognition Payment Panel based on Rockchip RK3288 CPU

Main Features:

- · Dual Screens (7" screen: human-machine Interactions, 5" screen: secondary display)
- \cdot Supports three payment functions including facial recognition payment, QR code payment and card payment
- · Multiple protections against oil, water, fire and insects
- · Removable keyboard design



Specification:

Processor	Rockchip RK3288, 1.8GHz CPU Clock Speed
OS	Android
Touch Screen (Secondary Display)	7 inches, 1024 x 600
Display (Primary Display)	5 inches, 1280 x 720
Camera	Hjimi A200CPSV7
Code Scanning	Sensor Image (Pixels): 640 pixels (H) x 480 pixels (V)
	Light Source: White Color LED
	Field of View: 78°(H), 62°(V), Roll/Pitch/Yaw: 360°, ±80°, ±70°
	Print Contrast: 20% minimum reflective difference
	Interfaces Supported: USB, RS232
	Motion Tolerances: >200cm/s
RAM	Onboard 2GB DDR3
ROM	Onboard 16GB eMMC 5.1
Speaker	8Ω 2W
Power	12V2A DC IN
Printer	None
USB	1 x Micro USB, compliant with USB 2.0 standard(secondary device)
	2 x USB 2.0 type A, compliant with USB 2.0 standard(primary device), used
	for external USB devices
UART	Supports RJ11 UART and Micro USB UART
Ethernet	1 x RJ45
Power Supply	DC Aperture 5.5 Core Diameter 2.5
WiFi	802.11b/g/n/ac, BT4.x
Wireless Network/4G (optional)	CDMA, GSM, GPRS, EDGE, TD-SCDMA, WCDMA, LTE Cat7, Full Netcom
BT/NFC	Reading Distance: 0-5cm; 13.56MHz; Supports ISO14443 Type A&B and
	mifare
Card Reader Module	Reading Distance: 0-5cm; 13.56MHz; Supports ISO14443 Type A&B and
	mifare
	M1 and A Card are supported
Size	220 x 110 x 51mm
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Functions:

NO	Functions
1	Collect facial information for the facial recognition payment function
2	Collect facial information for member recognition
3	Display face recognition pages and play advertisements, etc.
4	Voice Prompt Audio Output
5	Long press for 3 seconds to turn on (the green light is on); long press for 3 seconds to turn off (the green light is off)
6	Used to adjust the screen angle to better collect facial information
7	I/O ports such as power supply and peripherals



ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9 years' experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon venders like Intel, NXP, ST, Rockchip, Allwinners and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

