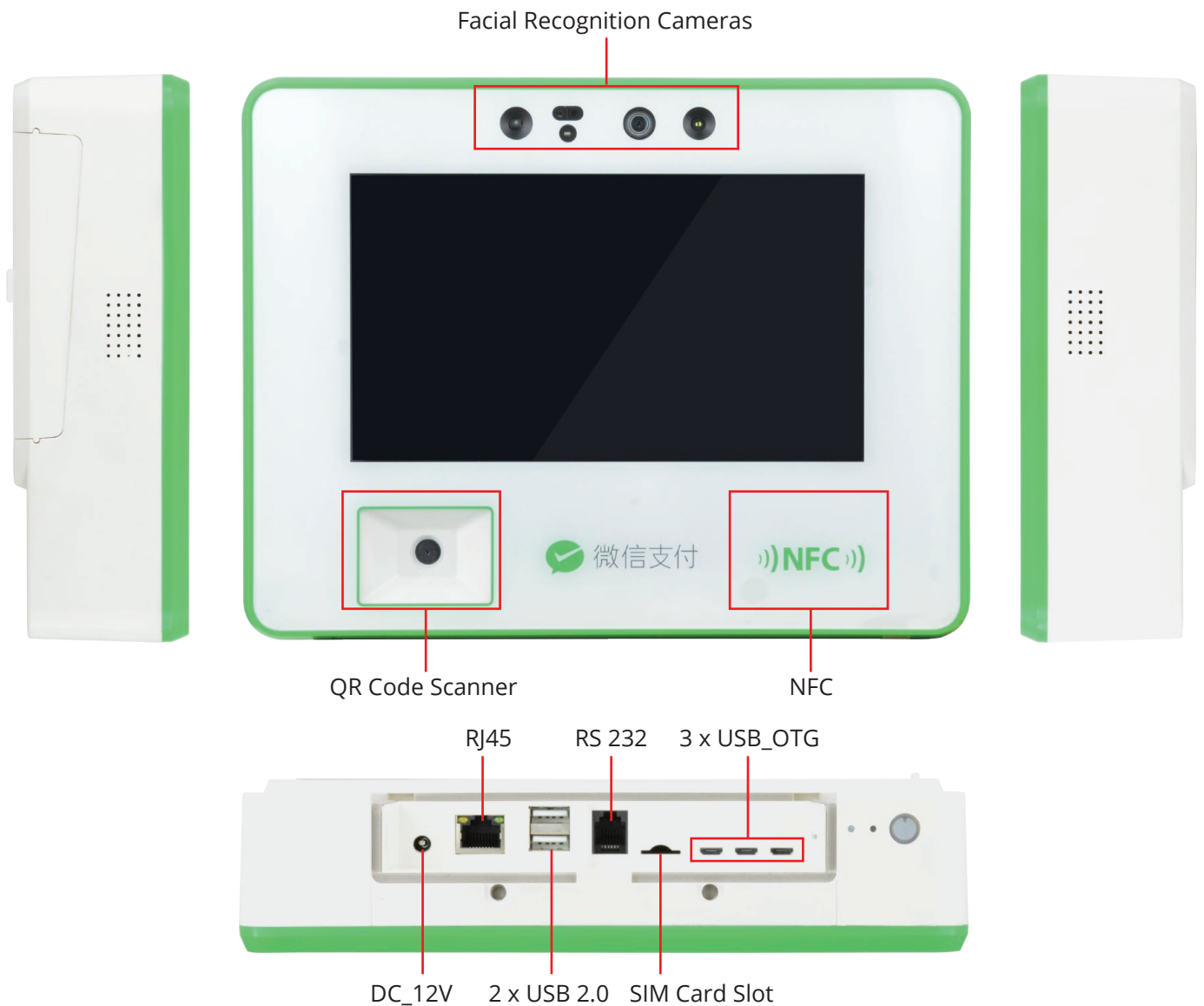




Facial Recognition Payment Panel based on Rockchip RK3288 CPU

Main Features:

- Dual Screens (7" screen: human-machine Interactions, 5" screen: secondary display)
- 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:

System	
Processor	Rockchip RK3288, 1.8GHz CPU Clock Speed
RAM	Onboard 2GB DDR3
ROM	Onboard 16GB eMMC 5.1
OS	Android
Display & Touch Panel	
Touch Screen (Secondary Display)	7 inches, 1024 x 600
Display (Primary Display)	5 inches, 1280 x 720
Camera	Hjimi A200CPSV7
Speaker	8Ω 2W
Printer	None
Payment Methods	
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
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
I/O Interfaces	
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
WiFi	802.11b/g/n/ac, BT4.x
Wireless Network/4G (optional)	CDMA, GSM, GPRS, EDGE, TD-SCDMA, WCDMA, LTE Cat7, Full Netcom
Power Supply	
Power	12V2A DC IN
Power Supply	DC Aperture 5.5 Core Diameter 2.5
Mechanical	
Size	220 x 110 x 51mm

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-year 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 vendors like Intel, NXP, ST, Rockchip, Allwinner 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.

