

Smart QR Payment Terminal based on Rockchip RK3288 Quad Core CPU

Description:

The PPC-RK3288-0801 is a customized QR payment terminal based on Rockchip RK3288 Quad Core CPU. It is designed, manufactured and upgraded all by Polyhex team. The terminal comes with onboard 2GB DDR3 and 16GB eMMC which can meet requirements of the paying process. It has 8 inches capacitive touch panel, HD MIPI camera for easy and visualized operation. The model can be widely applied in restaurants, shopping malls, gyms and other payment environments.



Specification:

System	
CPU	Rockchip RK3288 Quad Core Cortex-A17 1.8Ghz CPU
GPU	ARM Mali-T764 GPU core
RAM	2GB DDR3 for default (4GB optional)
Storage	16GB eMMC for default (8GB/32GB/64GB/128GB optional)
Operation System	Android 7.1
Display & Touch Panel	
Display	8" 800 x 1280 MIPI screen
Touch Panel	Multitouch capacitive touch panel
Camera	
AI Camera	1. Color image: resolution up to 1920 x 1080@25fps, FOV: H84.5° x V53.8° 2. Range image: resolution up to 640 x 400@25fps, FOV: H66° x V44°
MIPI Camera	800W HD Camera
I/O Interfaces	
Ethernet	1 x 10/100Mbps, RJ45
USB Host	1 x USB HOST2.0, Type A
USB OTG	1 x USB OTG(default for USB HOST), Type A
RS232	1 x RS232(for default), 1 x RS232 (for options), RJ45 port
MIC	1 x internal MIC IN
Power	
Power Button	1 x power button
Power Input	1 x DC12V-2A, DC input
Mechanical	
Size	20.7 x 16 x 44cm

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.

