

# Smart QR Payment Terminal based on Rockchip RK3288 Quad Core CPU

## Description

The PPC-RK3288-WX 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 is onboard with 2GB DDR3 and 16GB eMMC which can meet requirements of the paying processes. It has 5 inch capacitive touch panel, HD MIPI camera for easy and visualized operation. The model can be widely applied in restaurants, shopping malls, gyms, and many payment environments.



## Specification

CPU	Rackchip 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	Android7.1
Display	8inch 800*1280 MIPI screen
Touch Panel	Multitouch capacitive touch panel
AI Camera	1. Color image: resolution up to 1920×1080@ 25fps, FOV: H84.5°×V53.8° 2. Range image: resolution up to 640×400@25fps, FOV: H66°×V44°
MIPI Camera	800W HD Camera
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
Button	1 x power button
Power Input	1 x DC12V-2A, DC input
Size	20.7 x 16 x 44cm



### 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 vendors 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.

