

DP1 9.7-inch android Screen



Introduction

The tablet is developed specifically for microscopes, with a 9.7-inch 2048*1536 retina display, RK3288 ARM CPU, and Android 5.1 (later upgraded 6.0) operating system. Built-in special micro software, the whole machine runs smoothly, the user experience is good.

The main features

- ◆ 9.7 -inch color LCD high-definition LCD screen, true color reproduction.
- ◆ built-in Android Intelligent operating system, unlimited extension.
- ◆ can touch, also can use the keyboard mouse operation, can be used as a small computer.
- ◆ support multiple interface, USB, external memory card, etc., HDMI output can be projected onto a screen big screen TV or curtain.
- ◆ support WI-FI and Bluetooth transmission, convenient file exchange.
- ◆ Equipped with special micro - camera software, support preview, photo, video, measurement .

Product specification

The tablet

hardware	CPU	RK3288 Quad-core 1.8Hz
	Display	High resolution (2048*1536) color LCD with touch screen
	Storage	RAM 2GB DDR3、ROM 8GB、32GB extension storage
	Camera	5 MP color cameras
	Network	WI-FI
		Bluetooth
	interface	USB2.0（OTG）*2，Support USB keyboard mouse
		TF card
		DC 12V power input
		Audio
		Mini HDMI output
software	Operating system	Android 5.1
	Software	Built-in camera software, support take photos,video,and measurement.

Built-in cameras

Sensor size	1/2.5-inch（4:3）
Effective imaging size	5.70mm（H）x4.28mm（V）
	7.13mm(diagonal)
Effective pixel	2592H x 1944V
Pixel size	2.2um x 2.2um
Dynamic range	66.5dB
SNR (maximum)	40.5dB
A/D conversion resolution	12-bit, on-chip
Sensitivity	0.53V/lux-sec(550nm)
Frame rate	2048*1536@15 fps 1024*768@30 fps
Exposure range and manner	Electronic shutter shutter (ERS), automatic
white balance	Manual/automatic