


**UG-1070AFC 10.1" Full-laminated Android Signature Display with External Camera
and
Embedded FBI-certified Fingerprint Sensor**

Image	
Main Board	
CPU	Quad core 64 bit Cortex-A55 processor with 22nm advanced technology,Main frequency up to 2.0GHz
GPU	ARM G52 2EE Supports OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1
Memory	4G DDR,32GB Emmc
System	Android 11 or above
LCD	
LCD Type	IPS TFT
Display Size	10.1 inch
Active Area	135*216 mm
Resolution	1280x800pixels
Blacklight	230 cd/m ²
Contrast Ratio	800:1
View Angle	170°(H)/170°(V)(Typ.)
Touch Tech.	Electromagnetic resonance+Capacitive touch
Electromagnetic Induction Pen Touch Control	
Resolution	2540 LPI
Linearity	±0.5mm (center), ±2mm (Corner)
Surface	6H scratch-resistan glasss

Pressure Sensitivity	2048 Levels
Report Rate	200 dps(max.)
Pen	Wireless battery-free pen with elastic lanyard
Pen tilt Angle	±45°
Sensing height	10mm (not less than)
Capacitive Touch	
Finger Touch	Ten point finger touch (optional)
Hardware	
Interface	USB-HID
Extension Interface	Exclusive interface USB2.0×1 for camera
Speaker	1×1.5w(8Ω)
Encryption	RSA-Encryption via against data theft
Power Adapter	DC9V 3A
External Dimension	288×207×22mm
FBI-certified Fingerprint Sensor	
Sensor Type	Semiconductor Capacitive
Image Size	256x360 pixels
Image Resolution	500 DPI
Fingerprint Sensor Dimensions	31 x 20 mm
Fingerprint Sensing Area	9 x 13.5 mm
Acquisition Time	<0.25 S
Comparison Time	<0.1 S(1:1)
External Camera	
Component Installation Method	External monocular camera (detachable design, easy for optional)
Image Acquisition Function	Built-in microphone, can take photos, voice record and videos
Image Resolution	5 million pixels (2592*1944 pixels)
Adjustment of Gain, Exposure Time, White Flat	Fully automatic
File Format	MJPEG/YUV
Software	

SDK	Support .dll/OCX/Websocket
Software Development Language	C、C++、HTML/JavaScript、Delphi、C#、VB.NET and Java
Compatible Operating System	Windows 10/8/7/Vista/XP(32/64bit)