

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

Image



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.)

Pen and Fingertouch Control

Touch Tech.	Electromagnetic resonance+Capacitive touch
Active Signing Area	135*216 mm

Electromagnetic Resonance Pen Touch Control

Resolution	2540 LPI
Accuracy	±0.5mm (Center), ±2mm (Corner)
Surface type	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 Type-C(Device side)/USB-A(PC side)
Extension Interface	Exclusive interface USB2.0×1 for camera
Speaker	1×1.5w(8Ω)
Encryption	AES/RSA/DES
Power Supply	USB DC5V 2A
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)



