INTERACTIVE TERMINALS

SIGNATURE PAD PY1055



DESCRIPTION

Olicom PY1055 is a versatile **10.1-inch terminal** with a **built-in touch panel**. Designed for comprehensive **peripheral expansion**, it supports **NFC, fingerprint scanners, and cameras**.

It offers exceptional compatibility, operating either as a **standalone system** running Android, Windows, or other OS, or function seamlessly as a **USB device** to meet diverse business needs.

2048 levels of pressure sensitivity and **5080 LPI** high resolution

Built-in NFC Smart Card Reader (optional)
Built-in Fingerprint Scanner (optional)
Built-in Binocular Face Camera (optional)

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PY1055

TECHNICAL SPECIFICATIONS

MAIN CHARACTERISTICS

- **PLUG & PLAY COMPATIBILITY:** USB DISPLAY SOLUTION FOR EASY MULTI-SCREEN SETUP. FULLY SUPPORTS WINDOWS, MACOS, UBUNTU, AND ANDROID.
- **COMPREHENSIVE EXPANSION:** SPACIOUS INTERNAL STRUCTURE SUPPORTS MULTIPLE MODULES INCLUDING NFC, FINGERPRINT, AND CAMERAS.
- **CUSTOMIZABLE INTEGRATION:** COMPLETE SDK, CUSTOM DEVELOPMENT, AND APP-SOFTWARE INTEGRATION SUPPORT PROVIDED.
- **VERSATILE APPLICATIONS:** IDEAL FOR PAPERLESS COUNTERS, KIOSKS, AND SERVICE WINDOWS IN BANKING, GOVERNMENT, HEALTHCARE, AND TELECOM.

GENERAL

UNIT DIMENSION	322 x 175 x 19 mm (excluding camera)
WEIGHT	Net 1.1 kg (approx.)
CONNECTION TYPES	USB 2.0 (1x USB Type A)
POWER SUPPLY	DC 5V 1.5A (USB Vbus + DC adapter)
POWER CONSUMPTION	≤ 7.5W
STAND	Two steps, tilt 0°/9°/11.5°
SECURITY SLOT	Kensington® security slot
WARRANTY	1 year (optional extension)

DISPLAY

SCREEN SIZE	10.1" (diagonal), 16:10 (aspect ratio)
TYPE	TFT LCD
DISPLAY AREA	216.567 x 135.36 mm
NATIVE RESOLUTION	1280 x 800
DISPLAY COLORS	16.7M 8-bit
VIEWING ANGLE	H 170°, V 170° @ CR ≥ 10 (typical)
USER CONTROL	Brightness +/−, display on/off
DISPLAY SOLUTION	USB display (DisplayLink®)

PEN AND TOUCH

TOUCH SCREEN	Capacitive touch screen (optional)
PEN DIGITIZER	Electromagnetic resonance method
DIGITIZER RESOLUTION	5080 LPI (lines per inch)
INTERACTIVE PEN	Passive pen
PEN PRESSURE SENSITIVITY	2048 levels
TRACKING SPEED	240 pps (typical)
PEN TIP REPLACEABLE	Yes

CAMERA

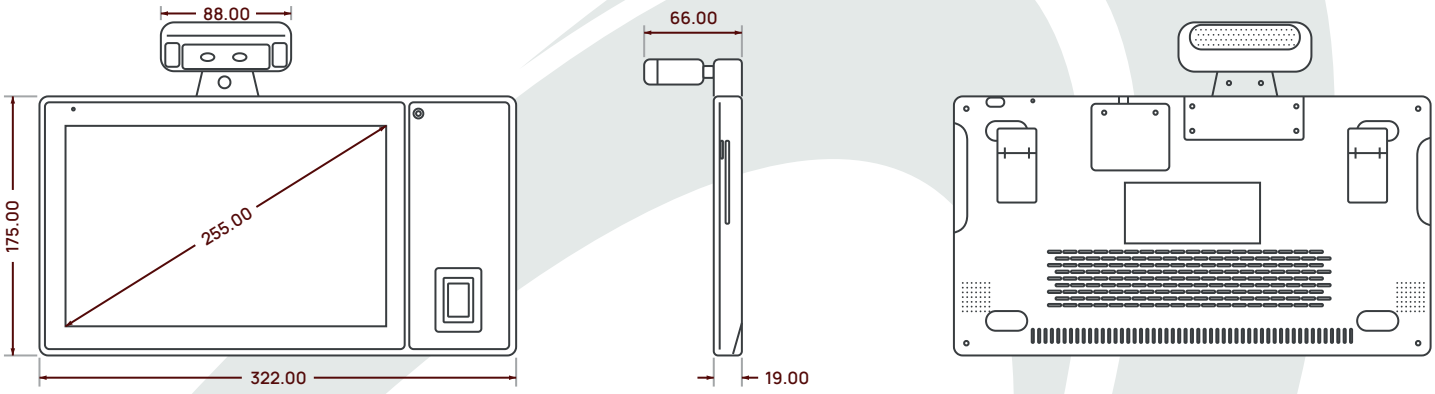
TYPE	Binocular (IR + color camera)
SENSOR	1/2.7" CMOS
RESOLUTION (MAX.)	2 MP, 1920 x 1080 / 30 fps (MJPG)
DATA FORMAT	MJPG, YUY2
DYNAMIC RANGE	≥ 100 dB
INTERFACE	USB 2.0 (UVC protocol)
TILT RANGE	Universal adjustable

STANDARD ACCESSORIES

INTERACTIVE PEN (KITS)	1x pen, 2x extra pen nibs, 1x pen rope
USB CABLE	1x USB cable (2 m, A to 2A)
POWER ADAPTER	1x adapter (DC 5V 3A)

NFC CARD READER (OPTIONAL)

SMART CARD INTERFACE SUPPORT	ISO 14443-4 Type A and B
READING DISTANCE	≥ 10 mm
INDICATOR	LED and buzzer



* Product performances are referred to an appropriate use under optimal conditions. With the right to change technical specifications. The registered trademarks are the property of their respective owners.

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