INTERACTIVE TERMINALS

SIGNATURE PAD PY501



DESCRIPTION

Olicom PY501 is a terminal dedicated to **paperless office applications** through **digital handwriting**. Features a **5-inch LCD screen** and advanced **Electromagnetic Resonance (EMR) technology**, it enables users to sign directly on the screen with their original handwriting with **original pen strokes**, ensuring the authenticity of the document and making it unrepeatable.

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

SDK

Full SDK-based and custom development support

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PY501

TECHNICAL SPECIFICATIONS

MAIN CHARACTERISTICS

- **AUTHENTIC DIGITAL SIGNATURES:** EMR PEN DIGITIZER CAPTURES ORIGINAL HANDWRITING TRAITS, ENSURING UNIQUE AND UNDENIABLE DOCUMENT AUTHENTICITY.
- **VERSATILE APPLICATIONS:** IDEAL FOR PAPERLESS COUNTERS, KIOSKS, AND SERVICE WINDOWS IN BANKING, GOVERNMENT, HEALTHCARE, AND TELECOM.
- **ENHANCED SECURITY:** FEATURES A BUILT-IN FINGERPRINT SCANNER AND OPTIONAL SIGNATURE DATA ENCRYPTION/DIGITAL CERTIFICATES.
- **COMPACT & COST-EFFICIENT:** LIGHTWEIGHT DESIGN IDEAL FOR MOBILE AND STATIONARY DEPLOYMENTS.

GENERAL

UNIT DIMENSION	161.5 x 174 x 11.6 mm
WEIGHT	Net 370 g (approx.)
CONNECTION TYPES	USB 2.0 (1x USB Type A)
POWER SUPPLY	DC 5V 0.5A (USB Vbus)
POWER CONSUMPTION	≤ 2.5W
STAND	/
SECURITY SLOT	/
WARRANTY	1 year (optional extension)

PEN

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

DISPLAY

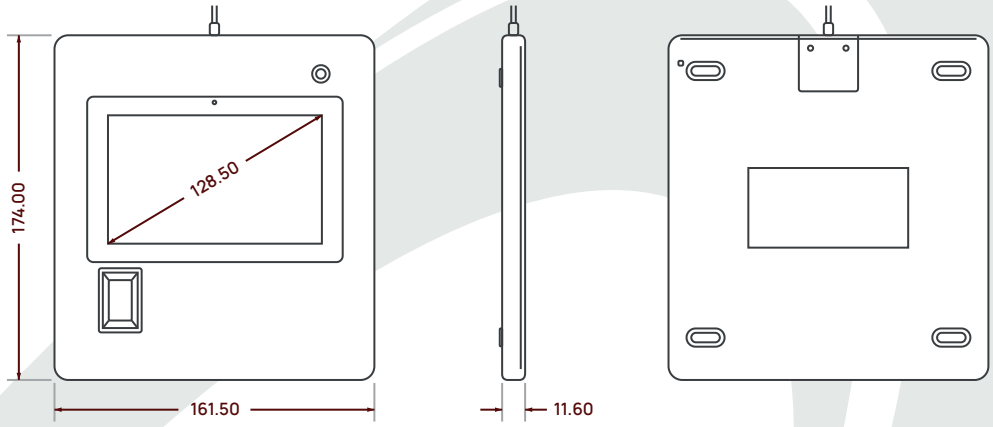
SCREEN SIZE	5" (diagonal), 10:6 (aspect ratio)
TYPE	TFT LCD
DISPLAY AREA	108 x 64.8 mm
NATIVE RESOLUTION	800 x 480
DISPLAY COLORS	16.7M
VIEWING ANGLE	H 170°, V 170° @ CR ≥ 10 (typical)
USER CONTROL	/
DISPLAY SOLUTION	Microcontroller

STANDARD ACCESSORIES

INTERACTIVE PEN (KITS)	1x pen, 2x extra pen tips, 1x pen rope
USB CABLE (ASSEMBLED)	1x USB cable (1.5 m, type A)

FINGERPRINT (OPTIONAL)

TYPE	Semiconductor capacitor press type
PICTURE RESOLUTION	500 dpi (256 x 288)
SENSOR SIZE	20.4 x 33.4 mm



* 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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