



KT-107

7-Inch Wall & Table Mount PoE Touch Panel



KT-107 is a 7-inch IPS multi-touch, powerful touch panel with 1280x800 resolution. Elegantly designed for decorative room integration, this portable touch panel can be deployed either tabletop or on-wall, mounted inside standard in-wall junction boxes. KT-107 supports wired Power over Ethernet (PoE) and advanced Wi-Fi connectivity options. The touch panel comes with table and wall mounts, a USB cable and a power supply unit for easy installation, with elegant wiring and secured mounting, reliable operation and flexible deployment. The KT-107 is an Android-based touch panel that is ideal for any 24/7 Kramer-supported commercial AV or control application and features a user-friendly, fully customizable graphical user interface configured by Kramer software. The KT-107RB Wi-Fi 5GHz frequency band range is restricted to up to 5.35GHz.

FEATURES

- **Elegant Design** - Smooth integration with room furniture design, either on table or wall, with flexible panel cabling and locking design options.
- **Superior User Experience** - IPS 1280x800 hi-resolution screen with $\pm 80^\circ$ horizontal and vertical wide viewing angles, built-in lighting sensor for auto-adaptable brightness, with advanced 10 multi-touch points and 2-finger gesture capabilities.
- **Powerful Processing** - Quad-core CPU, GPU, 2GB RAM, 16GB ROM processing performance, smoothly running complicated media and graphics rich applications, such as H.265 video and audio streams encoding and decoding, and seamless hi-resolution 2Mp HD front camera operations.
- **Flexible Services** - Advanced Android 6.0 Operating System with rich Kramer and market-available applications from cloud/store offerings, such as K-Touch Control and EventBoard Scheduling applications.
- **Easy Installation** - Powering and connectivity via a single Ethernet cable.
- **Flexible Mounting** - Including table and wall mounts that fit into standard market-available 2 gang in-wall junction boxes.
- **Optional Connectivity** - Simple wireless BTLE 4.0 Bluetooth as well as connection to USB peripheral devices for either table or wall-mount installations, using the included USB cable.
- **Reliable Networking** - Seamless switching between wired and wireless 802.11ac connectivity.
- **Versatile Powering Options** - PoE, PSU and battery.
- **Auto Sensing** - Optimized performance and operation according to automatically detected LAN speed.
- **Firmware Update** - Via USB port.
- **Secured Deployment** - Flexible locking options to prevent unwanted panel-mount removal, elegantly designed to remain out of site.

■ **Secured Operation** - Highly secured operation of applications such as password protected exit, hidden control buttons and so on. Red LED alert when camera is active.

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TECHNICAL SPECIFICATIONS

TABLETOP MOUNT PORTS:	1 1000/100/10BaseT Ethernet on RJ-45 connector, 1 micro USB 2.0, 2-pin terminal block for DC power supply.
ON-WALL MOUNT PORTS:	1 1000/100/10BaseT Ethernet on RJ-45 connector, 2-pin terminal block for DC power supply.
SPEAKERS:	2x1W, 8Ω.
MICROPHONE:	-42dB ±3dB @1kHz sensitivity.
CPU PERFORMANCE:	1.6GHz Quad Core, GPU, 2GB RAM, 16GB flash.
OS SOFTWARE:	Android 6.0.1.
MULTI TOUCH:	10 points, 2-finger gesture.
DISPLAY:	7" IPS, 1280x800 RGB pixels, 16:10 aspect ratio, ±85° horizontal/vertical viewing angles, 400cd/m2 brightness, 800:1 contrast ratio.
VIDEO DECODING FORMAT:	HEVC/H.265, H.264, H.263, MPEG-1/2/4, VC-1, VP6/8, RV8/9/10, AVS, MVC, Sorenson Spark, M-JPEG.
VIDEO ENCODING FORMAT:	H.264, MVC, VP8, M-JPEG.
ETHERNET PORT:	10/100/1000Mbps PoE LAN.
WIRELESS COMMUNICATION:	Wi-Fi 802.11 b/g/n/ac, Bluetooth 4.0. KT-107RB - 5GHz frequency band range is restricted to up to 5.35GHz.
CAMERA:	Front, 2M pixels, HD 720p.
BATTERY:	Rechargeable, supports up to 3 hours of Wi-Fi operation.
CONTROLS:	Hidden Reset button, power button (ON/OFF), volume up button. Touch panel status LED: flashes green during charging, steady green for full charging, red for camera on.
POWER INPUTS:	Power over Ethernet (complies with IEEE802.3af and IEEE802.3at PoE standards), power supply unit.
POWER CONSUMPTION:	5V DC, 3A.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-10° to +55°C (14° to 131°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
CASE DESIGN:	Black body and cover.
CERTIFICATIONS:	CE/CB, FCC, ROHS, REACH.
PRODUCT DIMENSIONS:	17.80cm x 13.00cm x 1.30cm (7.01" x 5.12" x 0.51") W, D, H
PRODUCT WEIGHT:	0.4kg (0.8lbs) approx.
SHIPPING DIMENSIONS:	22.40cm x 20.60cm x 13.00cm (8.82" x 8.11" x 5.12") W, D, H
SHIPPING WEIGHT:	1.8kg (4.0lbs) approx.
MOUNTING OPTIONS:	Table top (with docking station), on-wall (with mount unit and panel mount plate).
INCLUDED ACCESSORIES:	Power supply unit adapter (5V, 4.0A AC/DC), tabletop mount, on-wall mount unit, panel-mount plate, right-angle OTG USB cable, installation screws.
OPTIONS:	On-wall security lock (KT-107-OWLK).

CONFIGURATIONS

KT-107	7-Inch Wall & Table Mount PoE Touch Panel
KT-107RB	7-Inch Wall & Table Mount PoE Touch Panel - Bandwidth to 5.35GHz
