



## KT-107

7-Inch Wall & Table Mount PoE Touch Panel

| Ethernet - RJ-45



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

**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

**Easy Remote Device Control** - Use the Kramer Aware app on the touch panel to control devices connected to compatible products

**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



# KRAMER

## TECHNICAL SPECIFICATIONS

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|-------------------------|---|
| 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.<br>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.<br>Touch panel status LED: flashes green during charging, steady green for fully charged, 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   |
| 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)   |
| 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   |





## CONFIGURATIONS

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