Quick Start Guide

InMetrics K16
Temperature Reading Kiosk

www.inhandnetworks.com
Package and Accessories
Installation

For indoor use only.

Avoid hot objects in the field of view of the infrared camera.

Power up and the K16 is ready

Default focal point of the infrared camera is 3 feet.
Floor Stand kit

Customers can order from Amazon:
https://www.amazon.com/dp/B01CUT5ZZI/ref=twister_B07BQJVL5D?_encoding=UTF8&amp;psc=1

Or InHand can provide the floor stand kit with your order.
(Countertop stand is always included)
Wall mount kit

Customers can order from Amazon:
https://www.amazon.com/gp/product/B00Z80EUYE/ref=ox_sc_act_image_1?smid=A1PTEZ8R2XUNEB&psc=1

Or InHand can provide the wall mount kit with your order.
(Countertop stand is always included)
K16 Configuration and Settings

Tap 5 times the Wifi and Bluetooth icons.
Tap the upper left corner 5 times, then enter the password to access the user settings.

Default Password: 123456
The Configuration Menu

Remember to click “Save” after changing any settings.

Click “Back” without saving to return to normal operation.
Account Configuration

Account Name (username) can be customized and will be displayed on records.

Change the password.
Measurement Configuration

Mode: Change between One-by-one or Walk-by

Temperature choice: Choose between Body or Skin temperature (skin will be cooler reading).

Min-Max is the range of possible body temperatures. K16 will ignore readings out of the Min-Max range.

Over temperature is the threshold to trigger alarm/notification.

Configure distance to people when scanning.
Calibration

Note: **Calibration is not required for K16**

Simple calibration:

+ Set Temperature Choice to “Skin”
+ Use medical or equivalent device to measure your body temperature
+ Use K16 to read your skin temperature
+ Set the “Manual Offset” according to the difference between your body temperature and K16 read skin temperature
Notification Settings

Customize the verbal responses

Enter an email address to receive notification for over-temperature events. (Note: must configure Wi-Fi for connectivity.)

Disable / Enable Relay Output (alarm, door lock/unlock, etc).
Other Settings

Time display (12 or 24 hour clock)
Factory Reset
Restart Application
Update K16’s UI software

+ Copy latest .apk file to an USB drive on the root folder, and make sure there’s no other .apk files in the root directory.
+ Connect the USB drive to the K16’s USB cable end.
+ Click the “Update Software” button on this screen.

IP address display after wifi connection
Scan the QR code for Screen Projection Guidance
Scan the QR code for Quick Start Guide
Scan the QR code for latest .apk file
Click here to disable the temperature recording

Browse Records

Click “Records” on the main menu

Click each icon to zoom in for details

Send Records via E-mail

Export Records via USB Disk
Output of K16

When the K16 detected an over-temperature or normal, it depends on your settings, the relay will snap and the load will be powered on. (Note: Ultimate load 30V, 1A, 30W)
Android System Settings

Click “Settings” to get into Android System Settings

(compatible with Android 7.1)
Android System Settings

Wi-Fi: for email notification and cloud services. Connect to local Wi-Fi or IR611 as Wi-Fi AP.

Bluetooth: for external speaker

Sound: for K16’s volume

Display: for casting K16’s display onto another screen.
Display Settings

Turn on & off Full Screen Mode.

Note: turn on full screen mode to disable exiting K16 user interface. Only way to exit K16 UI in Full Screen Mode is to click 6 times upper-left corner to Configuration Menu.
Cast to a PC

Step 1. Connect K16 to Wi-Fi
Settings->WLAN->Turn it on and connect to Wi-Fi.

Step 2. Click the gear icon to find IP
Step 3 Download Vysor from https://www.vysor.io/, it works on Windows, MacOS, Linux, and Chrome.

Step 4. (Windows system only) Open Vysor and install ADB
Cast to a PC

Step 5. Connect to K16 via its IP address found in step 2.

Note:
- a. Only one PC can connect to K16.
- b. PC and K16 must be on the same network and the PC must be able to communicate with K16 (e.g. PING K16 from PC).
- c. When switching PC, please make sure to disconnect or shut down 1st PC and **reboot** K16 before having the 2nd PC connect to K16.
- d. Free Vysor account is low resolution. Upgrade to pro account will get high resolution.

www.inhandnetworks.com
Connect to Bluetooth speaker

Click Bluetooth and then enable it
Find the Bluetooth it to pair to it
Update K16 Android OS

+ Copy Android OS file, named “update.zip” to USB flash drive. And then plug USB flash to the USB port. 
+ Click the “About Phone” button on this screen. 
+ Click the “Udisk system updates” button on the left screen. The K16 will scan the update.zip file on the USB flash drive and then update its OS. 
+ It will take 5 minutes to upgrade the whole system. During this process, DO NOT power off. 
+ Check the Kernel version after reboot to see if the upgrade was successful.
InHand Networks

+1 (703) 348-2988

info@inhandnetworks.com