VIRTUAL KEYBOARD

VK200
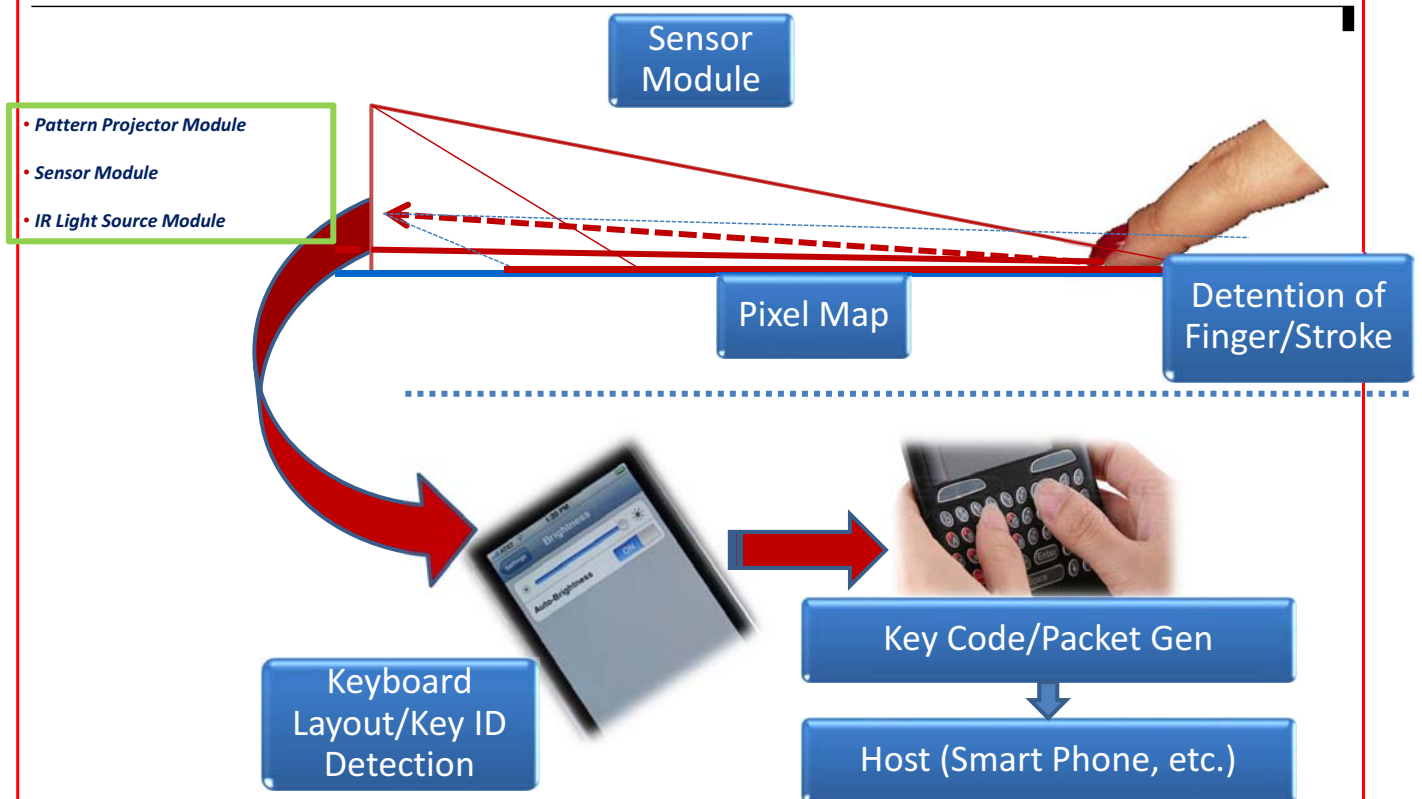
VK200 VIRTUAL KEYBOARD

❖ Projects a virtual keyboard onto virtually any flat reflective surface

- Compatible with almost all Bluetooth enabled devices, smart phones, computers or laptops

- 78 keys with full size QWERTY layout

- Advanced optics track your fingers like magic with mouse mode and keyboard mode

- Compact keychain design is super portable

- Rechargeable Lithium ion battery (USB cord included)

- Built in screen to show your last key presses and all setting

- The VK200 is smallest full size keyboard in the world

VK200 – HOW IT WORKS

CTX technologies inc

- **Pattern Projector Module**
- **Sensor Module**
- **IR Light Source Module**

Sensor Module

Pixel Map

Detention of Finger/Stroke

Keyboard Layout/Key ID Detection

Key Code/Packet Gen

Host (Smart Phone, etc.)

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VK200   FEATURES

- ❖ Audio Key Press Feedback

  - ▪ Clicking sounds for activation feedback with volume adjustability including mute for those times when you are in meetings or classrooms and do not want any key press audio feedbacks.

- ❖ Sensitivity adjustments

  - ▪ Three sensitivity adjustments for all lighting conditions

    - ✓ bright light setting

    - ✓ low light settings or for dark nail polish

    - ✓ normal light conditions

- ❖ Build in OLED screen

The built in OLED screen displays the current settings and has a full menu system controlled by the virtual keyboard to view the last three keys pressed, monitor the battery status, quickly change settings, play games and even download the latest firmware right from the internet.

VK200   FEATURES

❖ Full menu system

Settings menu: Just press Fn+M and you will be taken to a menu screen where you can change any of the many settings including volume, brightness, sensitivity, and even toggle the Bluetooth.

❖ Games

Yes, There are even games to practice your typing skills right on the VK200 without connecting to another device and stay tuned as we will be releasing more games to play right on the built in VK200 screen.

❖ Advanced Menu

The advanced menu has some troubleshooting menu items to reset your device back to factory defaults and re-calibrate in case of an unlikely shift in any of the mechanics. It also has an update mode allowing you to download the latest firmware right off the internet.

VK200   FEATURES

❖   Bluetooth Connectivity

Remembers the last three devices and will automatically re-attach to the most recent devices.   Easy connectivity requiring no pin to connect to your device. The only requirement is the device must be an HID compatible device.

❖   USB Connectivity

Can attach to your computer by USB cable and will charge at the same time

❖   Mouse Functionality

Now the VK200 will also function as a virtual laser mouse tracking your finger and clicking motions. Just press an easy key combination and you can quickly switch back and forth between keyboard mode and mouse mode. Now you have two peripheral devices in one in a size no larger than a matchbox!

VK200 FEATURES

❖ Full Qwerty Keyboard

The keyboard layout is the exact same size and layout as most ordinary laptop keyboards with a 19mm inch pitch. It has the multi-media and apple function keys as well as backlight adjustability for brightness. Your learning curve will be greatly reduced with this newly enhanced virtual keyboard layout.

❖ Brightness setting

There are four levels of brightness in the VK200 so in bright light conditions you can still see the keyboard but in dark light conditions you can reduce the intensity thus saving battery and giving you a longer run time. You can adjust the backlight setting using the quick change options or go into the menu and change it easily from there.

❖ Run Time

The run time for this new unit is approximately 2 hours, but can be even longer if you reduce the brightness of the keyboard. It even goes into power saving mode when you have not been using it for 3 minutes or longer and running only on battery. Just wave your hand across the keyboard to wake it up again or place your hands anywhere in the keyboard area. If you want to power down to conserve battery a key combination will automatically put the unit into power saving mode as well until you want it awakened.

VK200 FEATURES

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❖ Typing Modes

Now there are two typing modes in the VK200 KEYFOB, the first "All" requires all your fingers to always be raised above the activation level (3-4mm) until you want a key pressed. You just lower your finger to the table level and the key will be activated. The other mode "J+F" allows you to rest one of your fingers from each hand on the home row keys, the F and J key. This will allow you to ensure you are on the home row when typing. The VK200 will even give you warning beeps if you miss these home row keys after you press the space bar and attempt to return to the J and F keys. Now ten finger typer's can reach speeds of a regular keyboard without worrying about their hands drifting.

FCC STATEMENT:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.