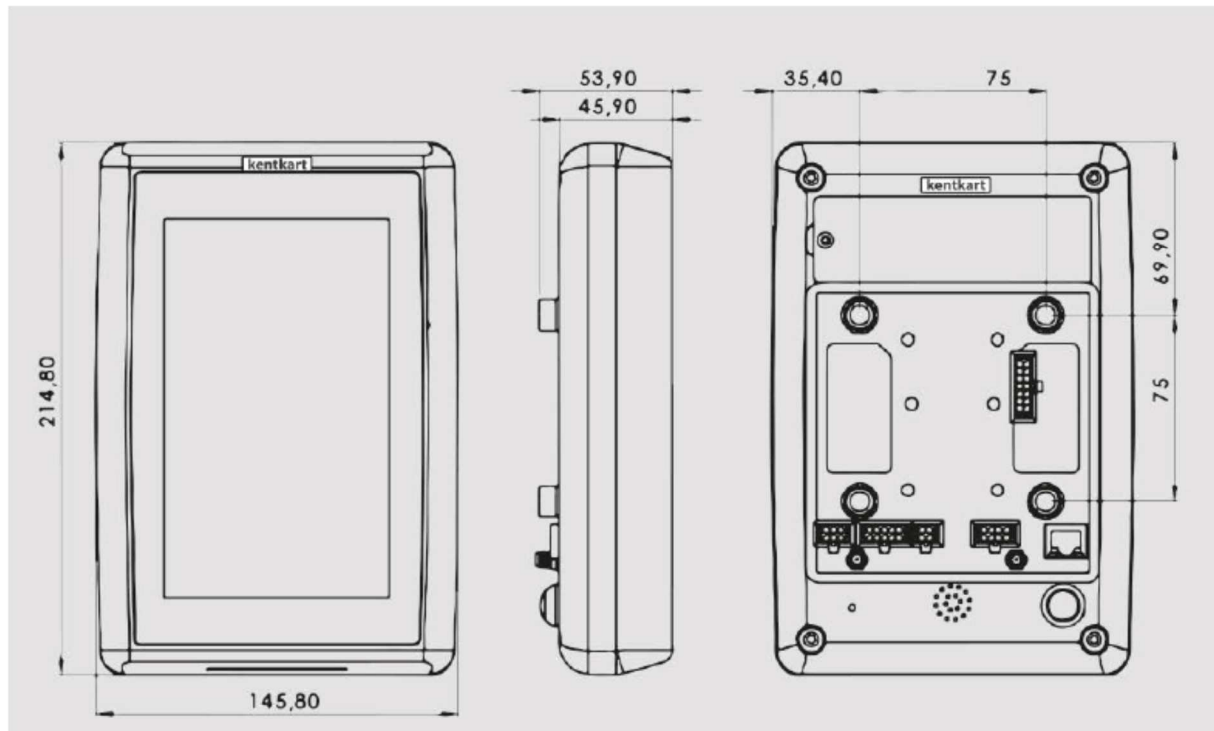


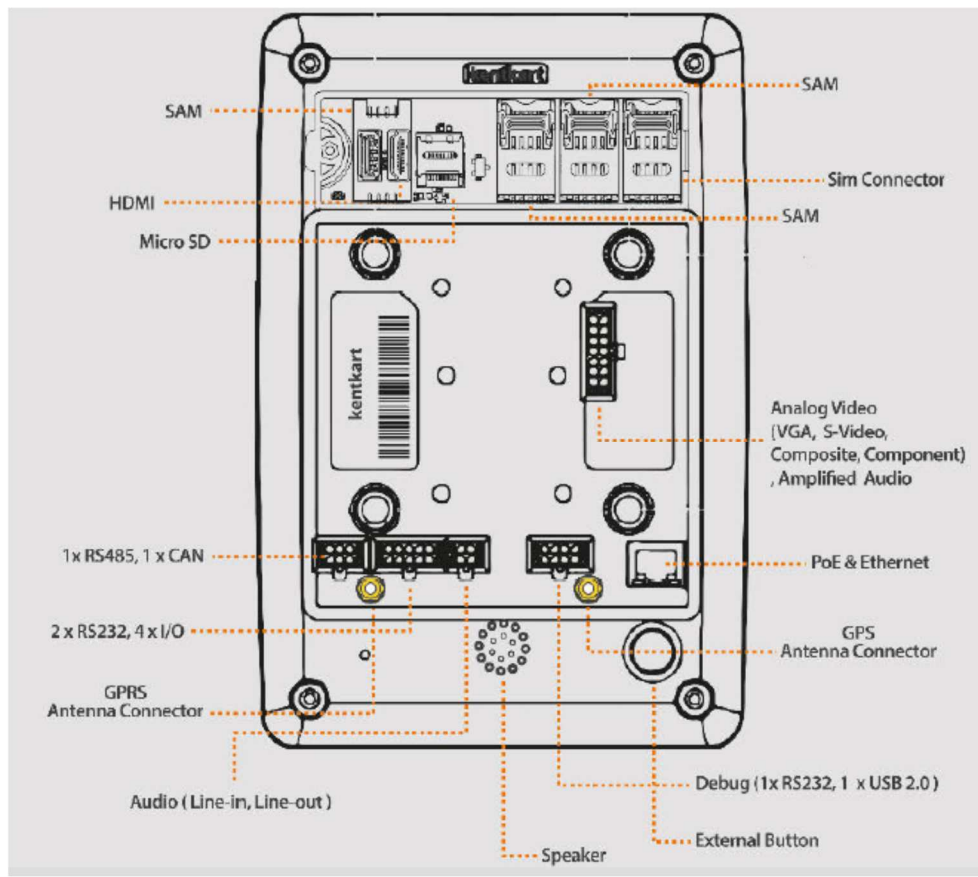
KV280-023 USER MANUAL



Dimensions:

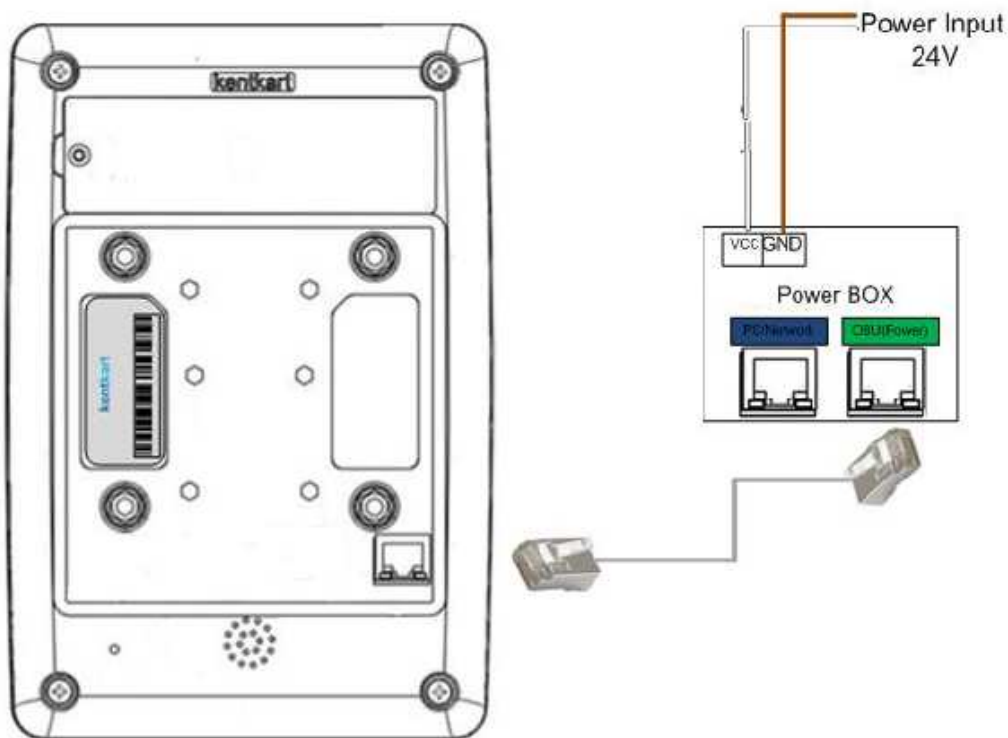


Rear View:



Startup:

RJ45 connector on rear side is the main power connection point of device. Device is ready to use when 24VDC is applied.



Main Screen:

At normal operation device screen will be seen as in figure. There are some information about device on screen.

1. Device ID
2. Order of the device (If there is more than one device in the system)
3. Route Number
4. SAM ID
5. IP
6. SAM ID of Host device ((If there is more than one device in the system)
7. Software version of device



Usage and Validation:

Device has 2 ticket reader parts: QR ticket, RF card.

After proper startup device is ready to read tickets. Tap your ticket to corresponding area device reads the information.



Modules:

- 1) **Card reader:** Device has an integrated card reader inside. It is compatible with ISO 14443 cards.
- 2) **Wifi:** To communicate with host/server device has an internal WiFi module. WiFi module supports 802.11b/g/n standards.
- 3) **GSM:** To communicate with host/server device has an internal GSM module. GSM module supports FDD B2, B4, B5, B12, B13 bands in 4G mode and supports B2, B5 bands in 3G mode.

Device also has a GPS module and 1D&2D barcode scanner.

FCC Warning:

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 the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Information To User:

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.