

# EM/HID Copier Operation Manual

Model: T2EH



**KEYKING** KEYKING GROUP LIMITED

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# Chapter 1: Summarize

## 1.1 System Characteristics

Technical Parameters:

- Power: 7-14 VDC  $\pm$  10%, 500mA
- Dimensions: 180mm (H) x 135mm (W) x 60mm (D)
- Weight: 300 grams
- Operating Frequency:

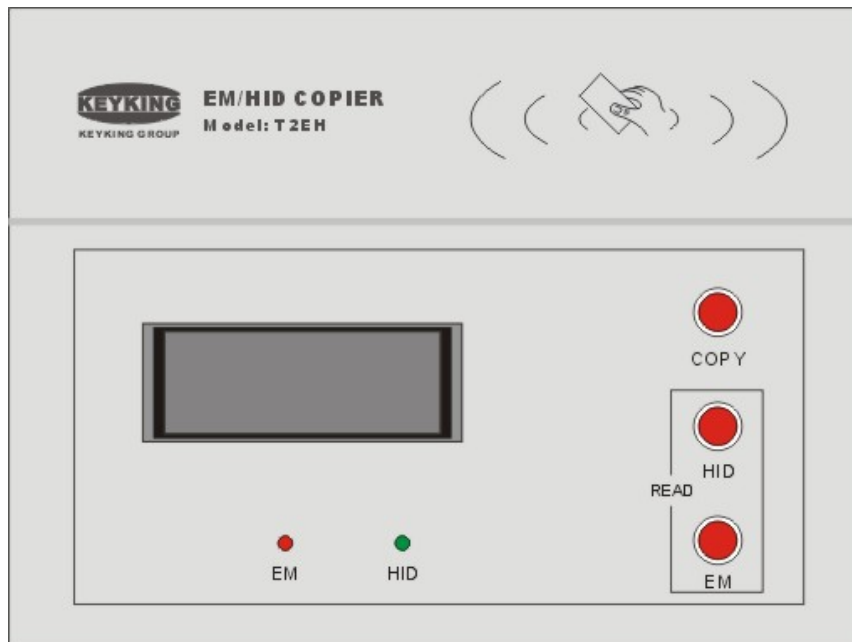
**125KHZ:**

E: EM;

H: HID;

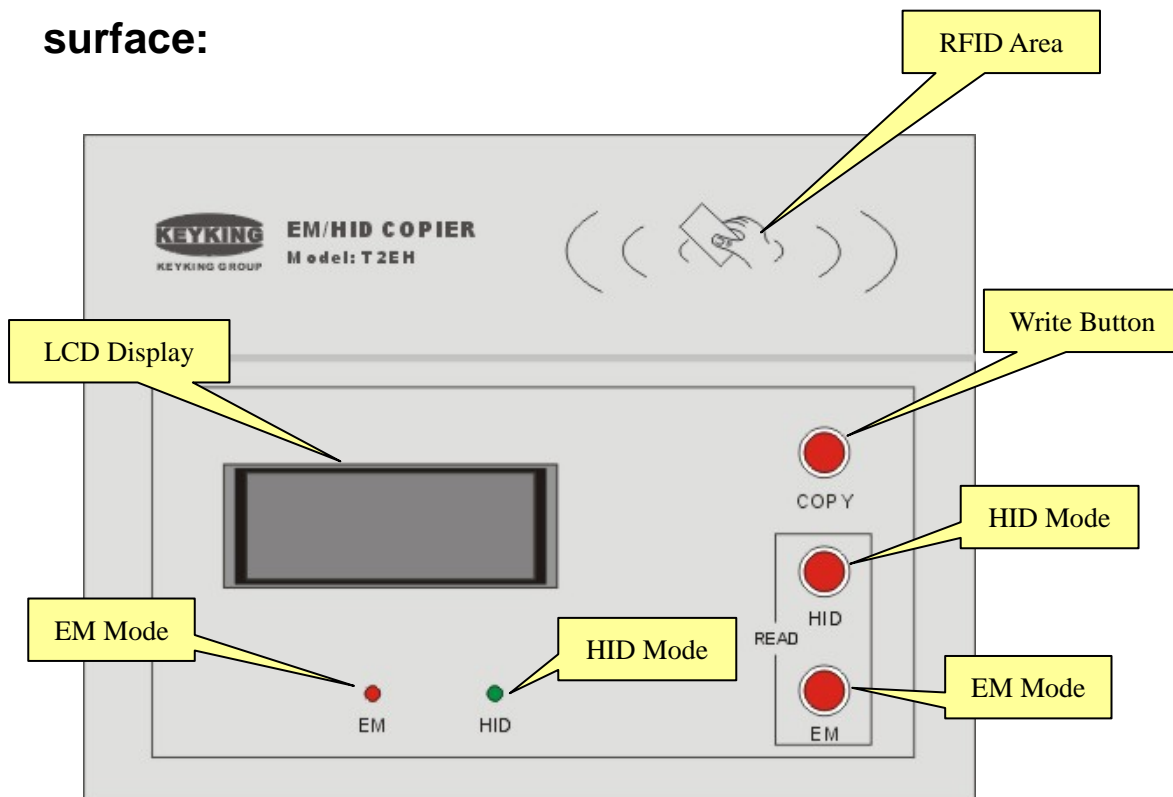
T: Temic;

- Read Range: 2 to 5 cm
- LED indicators: Green, Red.



## Chapter 2: Instructions:

### 2.1 surface:



#### LED:

- Red: for EM mode indication.
- Green: for HID mode indication.
- Red&Green: Writing.

### 2.2 Power Supply:



## 2.3 Mode setting:

The device support:

- **EM:** it can copy a proximity card.
- **HID:** it can copy a proximity card.
- **Blank card:** T5567.

### 2.3.1 Copy an EM card

Before you do the copying, the EM reader can not read the T5567 proximity card. Please keep power supply during the procedure.

**1. Press the EM button.**

- You will see the message on the LCD display “**Reader EM, Reading.....**”. The device is waiting to read an original proximity card.
- The EM led will be light.

**2. Show an original EM proximity card on the RFID area.**

- You will see the message on the LCD display “**Reader EM, EM:<0800F8F202>**”. The device already read get a card number which is **0800F8F202**(HEX).
- You will hear “Bi”.

**3. Press the COPY button.**

- You will see the message on the LCD display “**Copy card <EM>, Writing.....**”. The device is waiting to write this above card number (**0800F8F202**) into a blank proximity card (Model:T5567).
- The EM and HID LEDs (Red, Green) will be light.

**4. Show a blank T5567 proximity card on the RFID area.**

- You will hear “Bi...” and the LCD display will back to the message “**Reader EM, Reading.....**”. The device already write the card number **0800F8F202**(HEX) into the blank T5567 proximity card.

**5. Done.** This T5567 proximity card already become to a real EM proximity card.

After copying, the EM reader will read the T5567 proximity card, and it will get the same card number with the original EM proximity card.

### 2.3.2 Copy a HID card

Before you do the copying, the HID reader can not read the T5567 proximity card.

Please keep power supply during the procedure.

Please keep power supply during the procedure. The device supports most of HID cards, up to Wiegand37 Bits.

1. **Press the **HID** button.**
  - You will see the message on the LCD display “**Reader HID, Reading.....**”. The device is waiting to read an original proximity card.
  - The HID led will be light.
2. **Show an original HID proximity card on the RFID area.**
  - You will see the message on the LCD display “**Reader HID, HID<W26>, HID:<01003B74F5>**”. The device already read get a card number which is **01003B74F5** (HEX), and the device already tell you the original HID card is Wiegand26 Bits also.
  - You will hear “Bi”.
3. **Press the **COPY** button.**
  - You will see the message on the LCD display “**Copy card <HID>, Writing.....**”. The device is waiting to write this above card number (**01003B74F5**) into a blank proximity card (Model:T5567).
  - The EM and HID LEDs (Red, Green) will be light..
4. **Show a blank T5567 proximity card on the RFID area.**
  - You will hear “Bi...” and the LCD display will back to the message “**Reader HID, Reading.....**”. The device already write the card number **01003B74F5** (HEX) into the blank T5567 proximity card.
5. **Done.** This T5567 proximity card already become to a real HID proximity card.

After you do the copying, the HID reader will read the T5567 proximity card, and it will get the same card number with the original HID proximity card.