



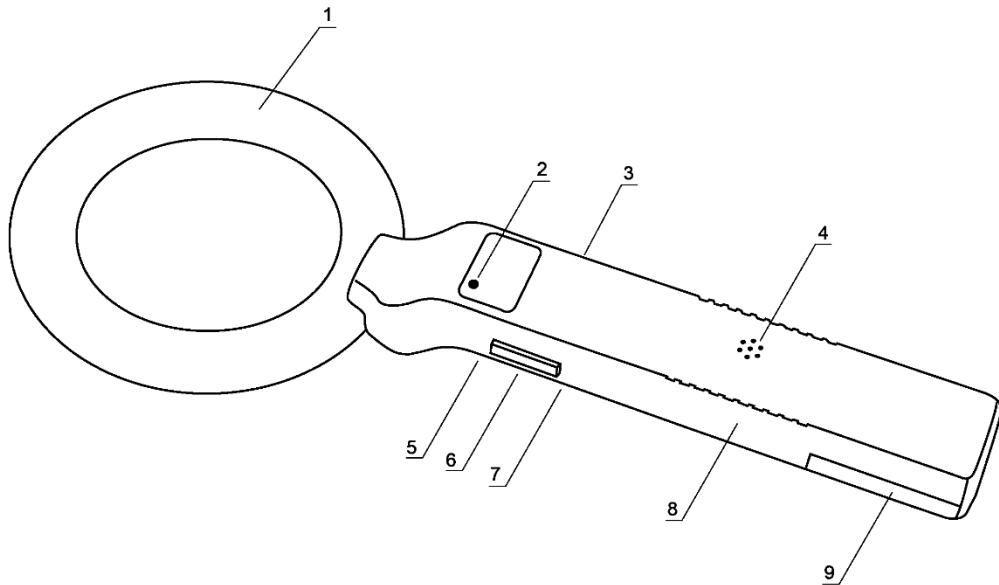
HM-300

MANUAL



OPERATION MANUAL
High Performance Hand Held Scanner
HM300

I. Schematic



1. Detection Face	2. LED (Green /Red Color)
3. Sensitivity Adjuster	4. Audio Alert
5. Sound alarm button	6. Off button
7. Vibration alarm button	8. Handle
9. Rechargeable Battery Socket	

II. Application

1. Airports, railway stations, docks security check;
2. Customs, public security, frontier defense, defense department security checks;
Medicine, food quality inspection;
3. Important places, playground safety inspection;
4. Precious metal detection, such as gold and silver jewelry factory.

III. Effective range

1. Pin 30—60mm;
2. 64 pistol 200mm;
3. Small Dagger 180mm;
4. Diameter 20mm steel ball 80mm.

IV. SPECIFICATION

- Power Voltage: 9V Standard or Rechargeable Battery
- Power: 270mW
- Operating Frequency: 22KHz
- Operating Current: <50mA
- Operating Voltage: 7V-9V
- Operating Temperature: -10°C to +65°C
- Net Weight: 180g
- Dimensions: 36(L) X 15(W) X 5(H)cm

V. Battery replacement

Loosen the cover board of the battery holder with a small screw driver, push the cover board backward to remove it, install new 9V alkaline battery(6F 22S006P)while mainly focusing on the battery polarity, push the cover board back on the battery holder and tighten the securing screw on the battery holder.

VI. Usage

- Hold the handle of the metal detector and change the three-position switch on the left from the off position to the alarm position. The green LED power indication light of the detector will be turned on and one can hear a short beep.
- Change the alarm position to vibration position, the palm shall sense the vibration and no alarm sound shall be heard when the detecting set swings above the metal coin horizontally and passes the metal coin object.

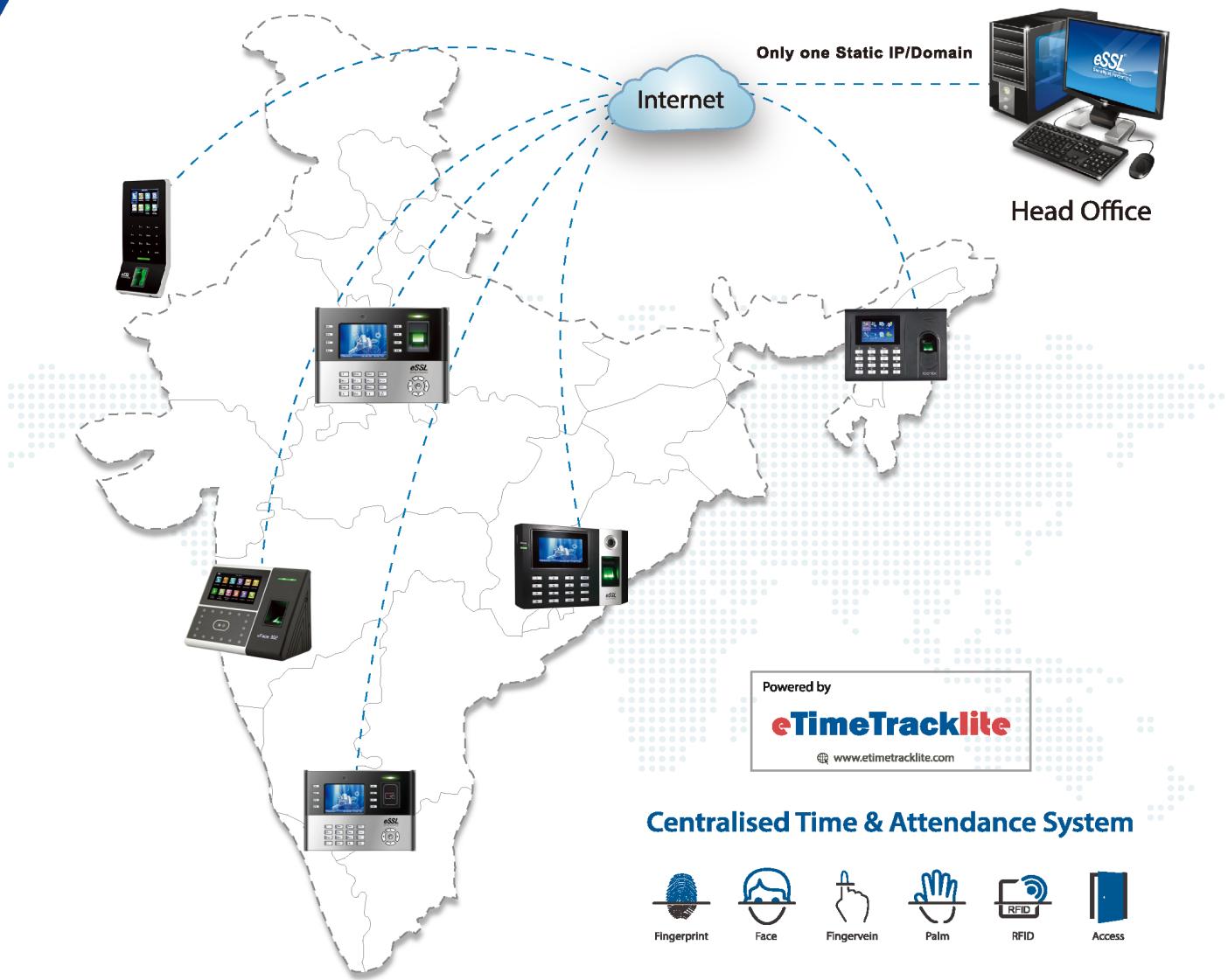
VII. Sensitivity Adjustment

1. Sensitivity adjusting methods: adjust the sensitivity in the "sensitivity adjusting hole" on the right of the metal detector with a small slotted screwdriver. Adjust clock wise to increase the sensitivity, and anticlock wise to reduce the sensitivity.
2. Steps are as follows: firstly adjust clock wise, till you hear continuous alarm sound, in non-metal testing (or non-metallic area), then you can adjust anticlock wise a little, namely till the detector will not give an alarm sound. The metal object testing sensitivity of a one yuan coin set by the factory is about 5cm.
3. Special tips: fake alarm will occur if you adjust the sensitivity too high to exceed your need, when you don't need high sensitivity, you can adjust the detector anticlock wise to reaching the level meeting your needs with a small slotted screwdriver.
4. Low voltage alarm, when you turn on the power switch of the metal detector (not test metal object), but hear continuous alarm sound given by the buzzer, it means the battery voltage has become low in the internal metal detector and you should replace it with a new one for later use.

VIII. Note

1. Turn off the device if no use;
2. Take out the battery if no use for a long time;
3. Only alarm or vibrate when the device sweep the metal;
4. Charger voltage: AC 9V; DC 10V. (Charger optional)

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