



## HESHAM INDUSTRIAL SOLUTIONS



### EOT Crane Access Control Biometric System (HIS-OHC-BAC-001)



Biometric System



Authorization Person only

#### Features:

1. Wireless; Coverage up to 100-150 feet – Line of Sight.
2. Precise & Unique design
3. Designed by Hesham Solutions for user friendly operations

#### Specifications:

1. The outer box is made out of high quality ABS Box (Hesham own mold)
2. Dimensions: 102mm (W) X 70mm (H) X 30mm (D); Being custom made, the dimensions may vary while fabrication.

## How it functions?



Step 1: Operator to be authenticated through Fingerprint Biometric System

Step 2: Main Power contactor to be switched ON for Crane Operation.

Step 3: If the Operator presses the Emergency Stop or Crane Idle more than 10 minutes, then Crane main power contactor to be cut off.

Step 4: For again to operate a crane, the operator to be authenticated through Bio Metric System.

\*The users' finger prints are enrolled using Finger Print Enroll Device.

\* The Receiver scans for user finger print, if it is matched, small peep will be heard. Now, the "Switch 1" is pressed on transmitter, the respective "Relay 1" will get activated in the receiver.

\*If finger print does not match, long beep occurs.

\*Switch 1 will be active only when finger print is matched.

\* A software shall be provided that will be installed in the computer for scanning finger prints.

\* 3 numbers of AC input shall be provided to in the receiver box These 3 inputs are monitored if there is no signal in all the three inputs, timer will start. If, there no continuous input for more than 10 minutes, authentication failed message will be sent to the Transmitter. So, the Crane can be operated only after finger print authentication.

### NOTE:

The RF repeater will cover a distance of 100 - 150 feet line of sight and varies from site to site. If there is a weak signal, you can use



# Thank you

**Hesham Industrial Solutions**

112, Brij Industries, Nr Bundi India, GIDC Makarpura ., Vadodara, GJ (24) 390010, IN

E-mail ✉: - heshamsolutions@gmail.com 🌐 Website: [www.heshamsolutions.in](http://www.heshamsolutions.in) , 🌐 [www.heshamsafety.com](http://www.heshamsafety.com)