



impro technologies®
ACCESS CONTROL

Impro's BMTA Biometric Multi-Discipline Time & Attendance

BMTA Biometric Reader



Product Code: XTA930 (RS485), XTA931 (Ethernet) and XSR900

The BMTA is designed and manufactured by Impro Technologies and adds to their already impressive biometric range.

This cost effective fingerprint Reader is designed to include all authentication types (Fingerprint, Tag and PIN). Seamlessly integrated into Impro's IXP220 and IXP400i systems, supporting Access Control features such as door mode patterns and advance messaging. Its compact and sleek design comprising of a 65 K colour Thin Film Transistor Crystal Display (TFT- LCD) screen and 12 button keypad supporting Pin-code entry as well as Time and Attendance applications.

In addition to reading fingerprints, new technology allows the BMTA to read a multitude of Tag types in both 125 KHz and 13.56 MHz frequencies. These Readers fit seamlessly into new or existing applications allowing you to upgrade tag technology without replacing existing Tags.

Applications:

- Access Control
- Residential Apartments
- Time & Attendance
- Fully Integrated Control
- Large Commercial Sites

Features:

- Supported by Impro IXP220 & IXP400i Systems
- Supports up to 2 500 Users per Reader (1 finger per User)
- Reads 9 different Tag types & supports both 125kHz & 13.56MHz frequencies
- Supports both RS485 and/or TCP/IP
- Supports all Impro Door Mode Patterns
- Supports multiple user validation:
 - Finger Only
 - Tag Only
 - Pin Only
 - Finger + Tag + Pin
 - Finger or Tag or Pin
 - Finger + Tag
 - Finger or Tag
- Less than 1 second identification time for up to 4 000 templates
- A single tone, 4 level volume adjustable buzzer (including off)
- 240 x 320 pixels, 65k colour, Thin Film Transistor Liquid Crystal Display TFT (LCD) screen
- Supports a 500dpi Optical scanner
- IP54 enclosure
- Support for a secure remote relay box

Software Required:

- IXP220 v1.86 SP 2
- IXP400i v7.68

Note:

- S-Bus (XSR) or Secure Bus protocol has been designed by Impro to offer a low cost bi-directional communications that allows long distance runs.

