Time and Attendance Clocks

For Microix Timesheet Module
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Time Clocks
Our Timesheet Module functions with Web Time Clock and external External Time Clock Devices (optional).

Web Entry Time Clock
Employees can clock in/out via an internet web browser.

Key Features:
- Tracks in/out time for hourly employees
- View in/out board
- View/Print clock history
- Request leave
- Enables manual punch with email notification to supervisor
- Exports clock history to Excel
- Ability to punch in using charge ID/ distribution code
- Optional Ethernet time clock

Optional Biometric External Time Clocks

iFace
Facial/Finger/RFID Terminal
Biometric combination terminal revolutionizing time tracking. Biometrically provides one second employee recognition even in dimly lit environment.

iClock700
Finger/RFID and Keypad Terminal
Features high performance, high image quality optical fingerprint sensor. The patented optical sensor is resistant to scratches, impact, vibration and electrostatic shock.

Time and Attendance Progression (Obsolete Clocks not available for purchase)

2001
No Longer Compatible with 2017 Version
- PC-Punch
- Proximity
- Magnetic Strip
- Barcode

2018
These modules are still compatible with 2018 version
- Hand Punch
- DF100
- iClock2800
- S30

www.microix.net | 1-866-MICROIX
## Choose the Biometric Time Clock for your Organization

| Product Name | iFace  
| Facial/Finger/RFID | iClock700  
| Finger/RFID |
|---|---|
| Prevents Buddy Punching | Yes | Yes |
| Environment | Do **not** place the time clock outdoors without adequate protection from weather or vandalism or under strong light |
| Reliability | Very high however, heavy dirt/dust/scratches/cuts/scabs/etc on fingers can distort or conceal parts of the fingerprint |
| Price | $580 | $550 |
| Any additional cost associated with the time clocks? | - There is a 25% annual fee for the first 3 time clocks for new and existing clients.  
- Shipping and handling (contiguous U.S)  
- **Optional** Training Fee – For administering the clocks |
| Warranty | 1 year Manufacturer’s Warranty |
| Spec Sheet | Available |
| Manual | Available upon request |
| Lead Time | 6-8 weeks |
| Wi-Fi (for wireless network connection) | Included |
| RFID Card Reader | Included |
| MIFARE Card Reader | Optional |
| POE (Power over Ethernet) | Optional | Optional |
| Face Capacity | 500/1000 (1:N) | Not Available |
| Fingerprint Capacity | 2,000 Templates | 8,000 Templates |
| Card Capacity | 10,000 | 10,000 |
| Transaction Capacity | 100,000 | 200,000 |
| Standard Functions: WorkCode | Included |
| Display size | 4.3” TFT Touch screen | 3.5” TFT screen |
| Built in (4-6 hr) Backup Battery | Included | Included |

5/15/2018  
Subject to Change
FAQ - Microix External Time and Attendance Clocks

Do you offer biometric units?
Yes, Microix offers biometric units (fingerprint and facial). These clocks are recommended to prevent buddy punching.

Can I purchase time clocks from the same manufacturer or another brand?
Microix only sells and supports time clocks that are sold directly or through our authorized distribution channel. If you purchase clocks from an un-authorized vendor, Microix cannot guarantee it will work with our Timesheet Module and will not provide support assistance, integration and warranty protection. Some clocks that are distributed by Microix are delivered with custom firmware that specifically meets the features required by our software and customers.

How are the units installed?
All units can be mounted on a wall. They are stand-alone, however, require a PC or server to poll the data from the clocks. If purchasing multiple units for different locations, all sites must be connected via network. If not, then the requirement is for the main office to have IIS server hosting our web service where the remote locations can send the data via HTTP over the web.

Please Note: Networking of the time clocks should be handled by your IT. The most common option is WAN or VPN connection. Once IT has set up a tunnel by one of these methods, the time clock would use it to communicate with the server. Physical location should not affect this, unless it is a huge distance (hundreds of miles, depending on network bandwidth) that results in large latency (300ms or greater) over the VPN or WAN.

In the event of internet failure will the time clocks store punches locally and resync when they reconnect? Yes it will. Power or network failure will store punches in clock.

What does the annual fee cover?
The 25% annual fee for the first 3 time clocks is to provide the software that allows the clocks to function accurately and for clients to get assistance from our support team to help configure the clocks with an IP address so it can be added to their existing network. Additionally, it will also give you ongoing support if the clocks fail to poll data.

What does the annual fee NOT cover?
Training on how to add users to the clocks and enrolling. This is part of the implementation process and is not covered under the support plan. Please contact your Microix consultant.

What are my options if the clocks I originally purchased are no longer available?
Microix continues to keep up with the latest technology in order to provide the best product at the best price to customers. If the clock you originally purchased is no longer available you can select a different clock from our current available product line that will work together with the clocks you currently own.

Do you have a user manual?
Available upon request

Additional Information and a few reminders:
- Non-Refundable
- Not sold separately
- 1-year manufacturer’s warranty
- Annual support fee up to 3 time clocks, shipping and handling fee
- Approximately 6-8 weeks lead time
- Web pack licenses are available if you need employees to request leave, view paystub and their employee information
- Subject to change - Hardware has a 3-4 year life cycle due to frequent component and OS upgrades. There will always be a newer model available that will work with our modules however there may be a price change.
- Microix only sells and supports time clocks that are sold directly or through our authorized distribution channel. They are delivered with custom firmware that specifically meets the features required by our software and customers.
FAQ
About Biometrics for Time and Attendance

What are biometrics?
Biometric is the practice of automatically identifying people by one or more physical characteristics. The use of biometrics in time and attendance systems makes it much more difficult for one employee to clock in or out on behalf of another (i.e. “buddy punching”).

Benefits to employers and employees?
A significant potential benefit of the use of biometrics over punch cards is a decrease in fraud related to time worked. With punch cards “buddy punching” can be rampant, a coworker can simply scan another person’s card to clock in and thus cheat the employer. Biometrics makes buddy punching impossible, the employee must be present to clock in. The employer also benefits because of better workplace security due to more stringent control over who gains access to the work area. Biometrics can benefit employees by reducing the amount of uncompensated hours that are worked. Furthermore, biometric time clocks can be more convenient because there is no need to carry a key or card etc.

What are the different kinds of biometrics your company offers?
Fingerprint and facial recognition. Each different type has its advantages and disadvantages, making each suitable for different types of organizations.

Employees privacy and cleanliness concerns on biometric clocks?
No image of a fingerprint is ever saved, only a series of numbers (a binary code), which is used for verification. The algorithm cannot be reconverted to an image, so no one can duplicate your fingerprints. The facial unit captures the relative position, size and shape of the user eyes, nose, cheekbones and jaws. These parameters are then used to create a biometric template which is then used to verify or identify each user. Also, the time clock finger zone is not a hot zone for germs. In fact, it will be touched far less frequently than restroom door handles, water cooler spigots or chairs in the break room.

How does fingerprint biometric verification work?
When an employee is first enrolled in a fingerprint-based biometric time and attendance system, the software records a template of the employee’s fingerprint and associates that template with the employee’s ID number. This template measures the relationship between various points in the fingerprint. Each time the employee attempts to clock in or out, the time and attendance software verifies that the newly scanned fingerprint matches the template originally stored for that ID number. If there is a match, the punch is recorded. Occasionally, employees will have privacy concerns about having their fingerprint scanned. The fingerprint templates used for biometric verification are stored in encrypted format and cannot be used to re-create anyone's fingerprint. Additionally, because biometric verification uses relatively few points of comparison, the templates used in commercial time and attendance systems are useless without another fingerprint with which to compare them. They cannot be used for biometric identification.
Ordering Process for Microix Hardware

How to request a quote or place an order?
Please contact your Microix Consultant or call 866-642-7649 extension 2. Please review any requirements with your Microix Consultant before placing an order. All hardware is NON-REFUNDABLE.

Do you require payment before shipping the hardware?
Yes, payment and an approved purchase order are required prior to processing your order.

When can I expect my hardware order?
It generally takes 6 – 8 weeks as there are a lot of dependencies in terms of ‘how long’ it may take to get your hardware. We recommend you allow enough processing and shipping time when placing your order. Here are some reason for delayed shipping:

- Requires special programming
- Vendor backlog
- Shipping delays due to natural causes, holiday season or other times of heavy demand etc.

Will I receive tracking details of my order?
Yes, Microix will send you detailed tracking information once your order has shipped.

Once I receive my order who do I contact for assistance?

a. Contact Microix Support Team to get assistance to help configure the clocks with an IP address so it can be added to your existing network. This service is included in the 25% support fee. Additionally, it will also provide ongoing support if the clocks fail to poll data.

   ➢ Call 1-866-642-7649 option 1
   ➢ Email support@microix.net
   ➢ Connect at http://www.microix.net/virtual-support/

b. For training on how to add users to the clocks and enrolling contact your Microix/MIP consultant or send an email to pst@microix.net
   This is part of the implementation process and is not covered under the support plan.
Optional
*Please contact sales for more information/pricing*

**RFID Cards**
Work with time clocks with RFID reader.
A Radio frequency identification device serves the same purpose as a barcode or magnetic strip on the back of a credit card or ATM card.

*Cards sold in pack of 25*

**MIFARE Cards**
Work with time clocks with MIFARE reader
(Special Order - Must order clocks with MIFARE reader)
MIFARE technology is for smart cards. There are two criterion to define smart cards; one is the method of writing and reading card data and second is the type of chip within the card and its capabilities.

*Cards not available for purchase*

**POE (Power over Ethernet)** Can be added to any clock

*What is PoE?* Power over Ethernet, or PoE, allows for both power and data to be run using an Ethernet cable. Typically, most networks only send/receive data through two pairs of wires even though CAT5 cables have four pairs.

*How is it powered?* What PoE does is use one of the unused pairs to power a variety of devices. Typically, PoE has a 48 volt DC input to its devices for power.

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**RFID Cards**

**Specifications**

- **Interface:** EM-1100 series proxx cards with a EM/Marin SA memory chip.
- **Type:** Proxx 26-bit, Read-only
- **MIFARE Technology:**
  - Thin ISO card
  - Size: 3.38 in. (85.41 mm)
  - Weight: 0.13 oz. (3.70 g)
  - Thickness: 0.03 in. (0.8 mm)
  - Design: 0.06 in. x 0.03 in. (1.6 mm x 0.8 mm)

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**POE (Power over Ethernet)**

- **Front:**
- **Back:**
One Year Limited Manufacturer’s Warranty for Time Clocks

How long does this coverage last?
This warranty lasts for the period of time indicated above for your product. Your warranty commences from the date of delivery and is valid for the original purchaser of the product. You may be required to furnish proof of purchase in order to receive warranty coverage.

What will the manufacturer do?
They will repair or replace any defective component or part and/or perform necessary repairs free of charge in accordance with their warranty policy. **You must pay the shipping charges to transport the product to the manufacturer’s service center.**

What does this warranty NOT cover?
This warranty does not cover damage due to misuse, abuse, negligence, accidents, power surges or lightning and other acts of nature. The warranty is void if the serial number has been altered, defaced or removed or if the device has been tampered with or taken apart by anyone other than the manufacturer’s service personnel authorized to perform warranty repairs.

The warranty does not cover consumable items such as cards and fingerprint scanner plates. It does not cover labor cost for removing or reinstalling the product for repair or shipping and handling to and from service center.

Except as specifically provided above Microix makes no warranty or representation, either expressed or implied, with respect to the product, including quality, performance, merchantability or fitness for any particular purpose. In no event shall Microix be liable for direct, indirect, special, incidental or consequential damages arising out of the use or inability to use the product.

How do you get service?
Step 1
In order to get service under the terms of this warranty, you must first contact us by calling 1-866-642-7649 ext. 2 or email sales@microix.net. Provide the following information:

- Organization Name and Date of Purchase/Delivery:
- Product Type:
- Serial Number:
- Issue with the Unit (detailed):

Step 2
Microix will provide you with detailed instructions.
Microix does not assume any liability for loss or damage during shipping to our service center.
**All units MUST be returned in the original box and/or packaging AND reset to the factory setting. In other words, please remove your organization admin password.**
We have released the uFace202 Multi-Biometric T&A and Access Control Terminal which supports 500 face templates, 2,000 fingerprint templates and 10,000 cards (optional). It is equipped with the latest hardware platform and algorithm, which provide clients with a brand new UI and user-friendly operating interface, bringing them a smooth using experience. With the advanced face algorithm and multi-biometric verification technology, the terminal’s security level of verification is greatly enhanced.

**Features**

- 500 face and 2,000 fingerprint templates
- Multi-languages
- High verification speed
- Advanced and user-friendly UI
- Chip encryption for firmware protection
- Optional built-in battery backup providing approximately 4 hours of continuous operation
- Easy to extend functions and customize client’s requirements
- One face template is registered for one user only
- Able to detect whether the face is an actual face or a photo, enhancing the security level of verification
## Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>4.3-Inch Touch Screen</td>
</tr>
<tr>
<td>Face capacity</td>
<td>500 (1:N)</td>
</tr>
<tr>
<td>Fingerprint capacity</td>
<td>2000</td>
</tr>
<tr>
<td>ID Card capacity</td>
<td>10,000 (optional)</td>
</tr>
<tr>
<td>Logs capacity</td>
<td>100,000</td>
</tr>
<tr>
<td>Communication</td>
<td>TCP/IP, RS232/485, USB Host</td>
</tr>
<tr>
<td>Standard Functions</td>
<td>Automatic Status Switch, Self-Service Query, Work Code, SMS, DST, T9 Input, 9 Digit User ID, Scheduled Bell, Photo ID</td>
</tr>
<tr>
<td>Interfaces for</td>
<td>3rd Party Electric Lock, Door Sensor, Exit Button, Alarm</td>
</tr>
<tr>
<td>Wiegand Signal</td>
<td>Output</td>
</tr>
<tr>
<td>Optional Functions</td>
<td>ID/Mifare Card, Wi-Fi, 3G, ADMS, 2000 mAH Backup Battery</td>
</tr>
<tr>
<td>Power Supply</td>
<td>12V 3A</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0 °C- 45 °C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>20%-80%</td>
</tr>
<tr>
<td>Dimensions</td>
<td>193.7<em>164.5</em>112.5mm (Length<em>Width</em>Thickness)</td>
</tr>
<tr>
<td>Package Weight</td>
<td>1.6 kg</td>
</tr>
</tbody>
</table>

## Configuration

## What’s in the Box

- uFace202
- Back Plate
- Power Adapter
- Lines for Access Control Interface
- Mounting Paper
- Screws and Holders
- Screw Driver
- Paper ruler

Subject to Change

5/15/2018
iClock700 is a 3.5-inch TFT screen Time Attendance & Access Control Terminal. Adopting the new user-friendly firmware, iClock700 has new features like stunning GUI, more stability, faster matching speed and better expandability.

iClock700 is compatible with various types of USB flash disks, ADMS and former SDK. Moreover, RS232/485, TCP/IP, and USB-host/client ensures a smooth date transmission between device and PC. It also has GPRS, Wi-Fi and 3G connectivity and access control connectivity with Wiegant out and in, electric lock, door sensor, exit button, alarm and door bell.

Features

- Remarkable User Experience
  - Intuitive and stunning UI designed with the most popular and internationalized element.
  - Interface operation adopts modularized hierarchical design. Simpler, Better and More logical.
  - Faster matching speed: Less than 0.5 second.
- Enhanced Features and Performance
  - Multi-languages.
  - Data backup and retrieve.
- Advanced User ID consisted of letters and numbers.
- Chip encryption for firmware protection.
- Excellent Expandability
  - Easy to extend functions and customize customers' requirements.
- Access Control Interface
  - For Wiegand in and out, door lock connection, alarm and bell.
Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fingerprint Capacity</td>
<td>8000</td>
</tr>
<tr>
<td>ID Card Capacity</td>
<td>10,000 (Optional)</td>
</tr>
<tr>
<td>Record Capacity</td>
<td>200,000</td>
</tr>
<tr>
<td>Display</td>
<td>3.5-inch TFT Screen</td>
</tr>
<tr>
<td>Communication</td>
<td>RS232/485, TCP/IP, USB-host/client</td>
</tr>
<tr>
<td>Standard Functions</td>
<td>Workcode, SMS, DST, Webserver, Scheduled-bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Anti-passback, Camera, Built-in Battery</td>
</tr>
<tr>
<td>Access Control Interface</td>
<td>3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell</td>
</tr>
<tr>
<td>Wiegand Signal</td>
<td>Input &amp; Output</td>
</tr>
<tr>
<td>Optional Functions</td>
<td>ID/Mifare/HID, External Printer, ADMS, Wi-Fi, GPRS, 3G, Multiple Verify Mode</td>
</tr>
<tr>
<td>Software</td>
<td>Time 5.0</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC 12V 3A</td>
</tr>
<tr>
<td>Verification Speed</td>
<td>≤0.5 Sec</td>
</tr>
<tr>
<td>Operating Temp.</td>
<td>0°C - 45°C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>20% - 80%</td>
</tr>
<tr>
<td>Dimension</td>
<td>225.2×166.0×46.3mm (Length×Width×Thickness)</td>
</tr>
<tr>
<td>Gross Weight</td>
<td>1.94 kg</td>
</tr>
</tbody>
</table>

Configuration

What’s in the Box

- iClock700
- Back Plate
- Power Adapter
- Screws and Holders
- Software CD
- Lines for Access Control Interface

5/15/2018

Subject to Change
Interested in a Quote?

Please contact your Abila/Microx consultant or send us an email at sales@microix.net. You can also reach us directly using our toll free number: 1-866-MICROIX (642-7649) ext. 2