

AMANO

AFR-200

FACE & FINGERPRINT
SCANNER TERMINAL



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Amano Cincinnati, Inc. reserves the right to make equipment changes and improvements, which may not be reflected in this document. Portions of this document may have been updated to include the latest hardware or firmware version, if applicable. We recommend that this document be read in its entirety before any attempt is made to operate the equipment.

Thank You....

For purchasing another fine product from
Amano Cincinnati, Inc.

Important!

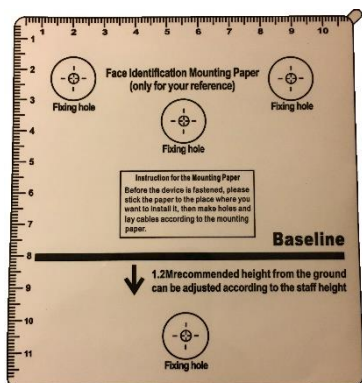
Do not return this clock to the retailer. If you have any questions or need assistance, please call us toll free at

1-800-896-7035 between 8:15am – 5pm EST or e-mail:

tgsupport@amano.com

Find Answers to frequently asked questions, and general product information such as a more detailed owner's manual for this product at www.amano.com/tkb and search for AFR-200

CONTENTS AND WALL MOUNTING



1. Set the AFR-200 terminal face up on a flat surface to avoid scratches on display.
2. Using the mounting guide as a template, mark the location of the upper and lower mounting holes on the wall. It is recommended to mount the terminal 49.2" from the floor to the baseline on the template. *Adjust for staff height as necessary.
Note: Pay attention to the orientation. The back plate should only be mounted one-way as it is keyed to fit into the back of the face scan reader.
3. Install anchors at the marks and attach the mounting bracket to the wall.
4. Feed power and communication wires through the knockout in the bottom of the mounting bracket.
5. Install the four screws attaching the metal back plate to the mounting bracket. Make sure the two metal tabs are on top.
6. Plug in power connector.
7. Slide the terminal onto the two tabs located at the top of the back plate.
8. Secure the reader to the back plate by inserting and tightening the screw located at the bottom of the unit.

Your terminal is now mounted to the wall and ready to connect the power supply to the outlet.

AFR-200 WIFI CONNECTION

For WiFi connection plug-in the AC adapter to the AFR-200 and AC outlet (the terminal will start up).

After the terminal powers up press the 6 dots, then COMM, Wireless Network, and then choose your WiFi network.

Next enter your WiFi password. (USB drive password download is optional)

Click the back arrow to escape to the main display screen.



AFR-200 DISPLAY

AFR-200 ETHERNET PC CONNECTION

For Ethernet PC connection, plug in one end of the 6ft cat 5 cable to the network connection and the other end into the Ethernet port on the back panel of the AFR-200.

Next, plug in the AC adapter to the AFR-200 and AC outlet. Then press the power button on the left side of the terminal to start it up.



ETHERNET
PORT

AFR-200 BACK PANEL

Note: After powering up the terminal press the 6 dots, COMM, Cloud Server Settings, and then enter the IP address of your PC in the server address area.

TIME GUARDIAN SOFTWARE INSTALL OPTIONS

Insert the Time Guardian® (TG) USB into your PC and follow the on screen prompts.

Select Language and install **TG** using one of these 3 options:

Standalone – Amano recommends using this default selection to install **TG** and the database on the same PC.



The following selections are recommended for network setup.

Server – install TG database on a server.

Client – install TG on a PC with connection to the database on a server.

Firebird – Use this default to install the Firebird database with TG.

Microsoft® SQL – Only select this option if you have Microsoft SQL Server.

Notes:

During software installation, you can choose from 2 database options, but Amano recommends using the **Firebird** default.

The installation should start automatically, but if installation stalls, browse on USB to **TG-Series.exe**

See USB for detailed QuickBooks install instructions.

TG SOFTWARE INSTALLATION



Click Next to finish the InstallShield Wizard at the end of the InstallShield. When the Amano Software Activation screen appears enter the 9-digit serial number supplied with TG (located on the USB and clock) and click the Activate button. Upon successful activation the registration screen will appear to perform on-line registration. Click SAVE to complete and the **TG** program will launch and display the initial Setup Wizard. Proceed thru the Setup Wizard to configure TG for the site.

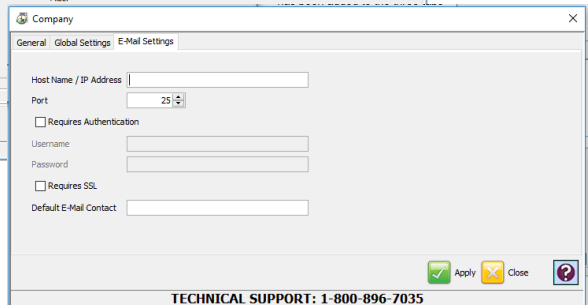
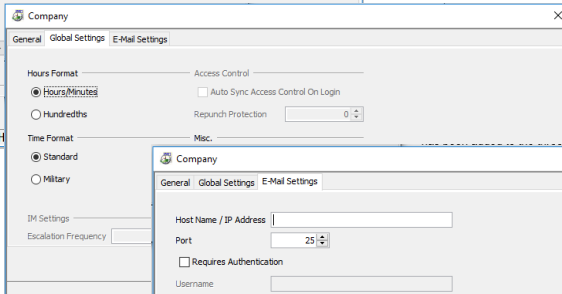
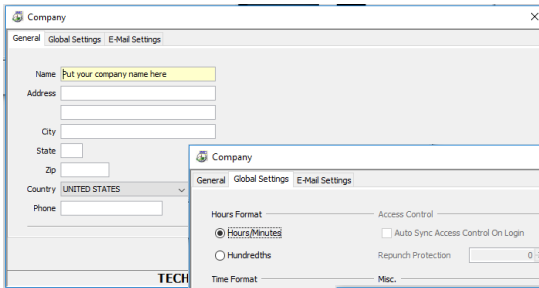
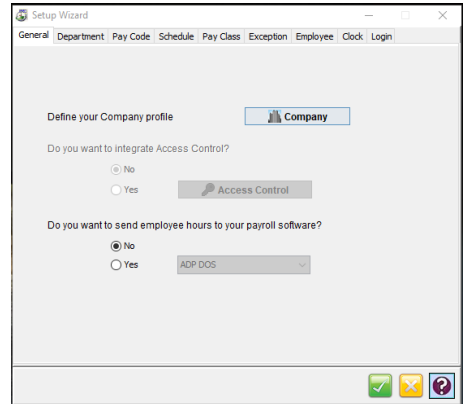
Note: If the Activation fails and/or an error message appears possibly; the serial number is wrong; there is no Internet connection or the same serial number was previously installed. For Activation Help and to manually activate **TG**, contact support @ 1-800-896-7035. If for any reason you can't activate you have 14 days to complete Activation.

For optional **TG** module(s) Activation see the User Guide for additional instructions or contact support @ 1-800-896-7035.

WIZARD – GENERAL SETUP


Once the Setup Wizard launches make sure the **General** tab is highlighted.

- Click on the Company button and enter the general company info.
- Next click on the Global Settings tab, across the top of the Company screen and select your desired settings for the hours and time format.
- From the E-mail Settings tab, across the top of the Company screen, enter the Host Name/IP Address and authentication information, if required.
- Once all necessary information has been added to the three tabs (General, Global Settings, E-mail Settings) press the Apply  button, or choose the  button to close out of the box without saving
- This will close the pop-up box and bring you back to the Setup Wizard Main Screen.





WIZARD – DEPARTMENT SETUP

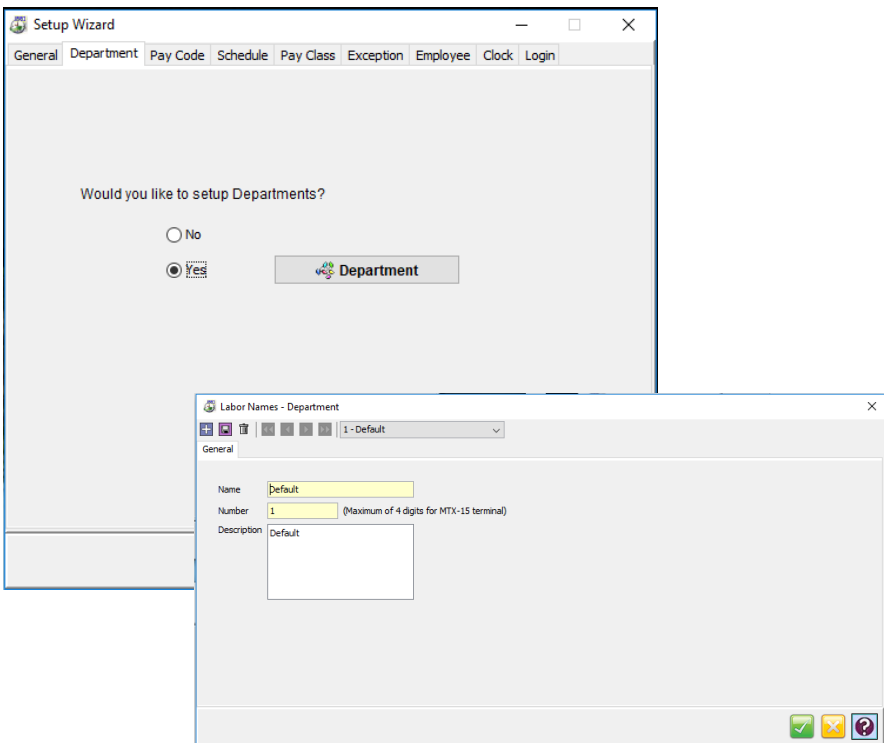
Highlight the **Department** tab across the top the Setup Wizard Screen.

Select “Yes” and then click on the  **Department** button.

This will bring up the Labor Names - Department screen. Here you will define the Name, Number, and Description of the department. *Departments can be used to filter employee lists and reports.*

Once all information has been entered click on the Apply  button to save the entry or choose the  button to close out of the box without saving. *(All fields highlighted in yellow MUST be completed.)*

The Labor Names – Department box will close and bring you back to the Wizard Setup screen..




The image shows two overlapping windows from a software application. The background window is titled "Setup Wizard" and has tabs for "General", "Department", "Pay Code", "Schedule", "Pay Class", "Exception", "Employee", "Clock", and "Login". The "Department" tab is selected. It contains the text "Would you like to setup Departments?" with two radio buttons: "No" and "Yes". The "Yes" button is selected. There is a "Department" button with a small icon. The foreground window is titled "Labor Names - Department" and has a dropdown menu showing "1 - Default". It has a "General" tab. The "Name" field is "Default", the "Number" field is "1" (with a note "(Maximum of 4 digits for MTX-15 terminal)"), and the "Description" field is "Default". At the bottom right of this window are three buttons: a green checkmark (Apply), a yellow close button (X), and a question mark (Help).

Note: Department Setup is optional. By default, all employee are assigned to the 1st department.

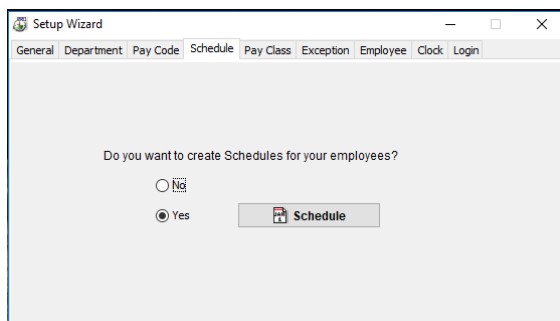
WIZARD – SCHEDULE SETUP

Highlight the **Schedule** tab at the top of the Setup Wizard.

To create a Schedule Click on the  **Schedule** button.

Enter a name and then click on the **Add** button to select the Days of the Week. Next, enter the Start/End times.

- All salary employees require a schedule for hour's calculation.
- No schedule overlaps are allowed and only 1 schedule per day.




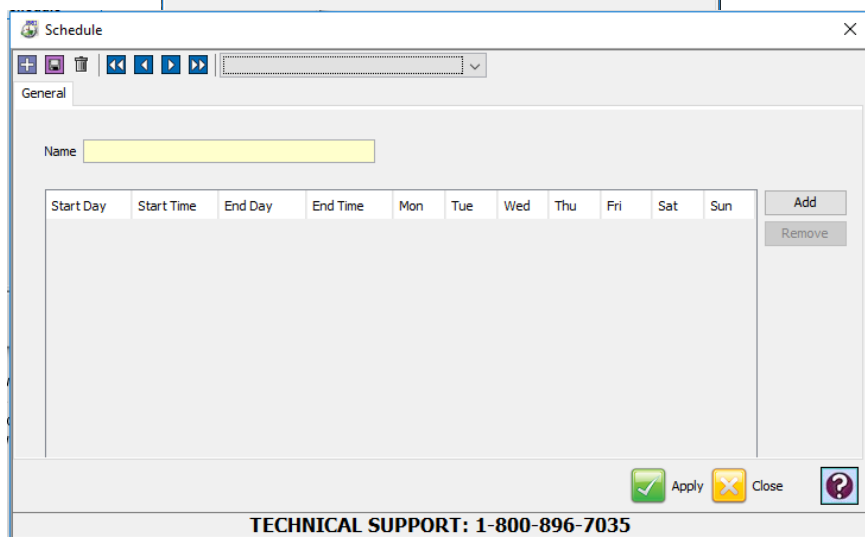
Setup Wizard

General | Department | Pay Code | **Schedule** | Pay Class | Exception | Employee | Clock | Login

Do you want to create Schedules for your employees?

☐ No

☒ Yes  **Schedule**



Schedule




General

Name:

Start Day	Start Time	End Day	End Time	Mon	Tue	Wed	Thu	Fri	Sat	Sun

Add

Remove

 **Apply**  **Close** 

TECHNICAL SUPPORT: 1-800-896-7035


Note: The default for **TG** is set to "No" to schedule employees with no schedule assignment.

The optional Advanced Schedule Module provides enhanced scheduling such as auto scheduling, schedule rotation, and advanced schedule for vacation and other time off, edit schedules on the fly and create custom weekly/monthly/seasonal schedules.

WIZARD – PAY CLASS SETUP

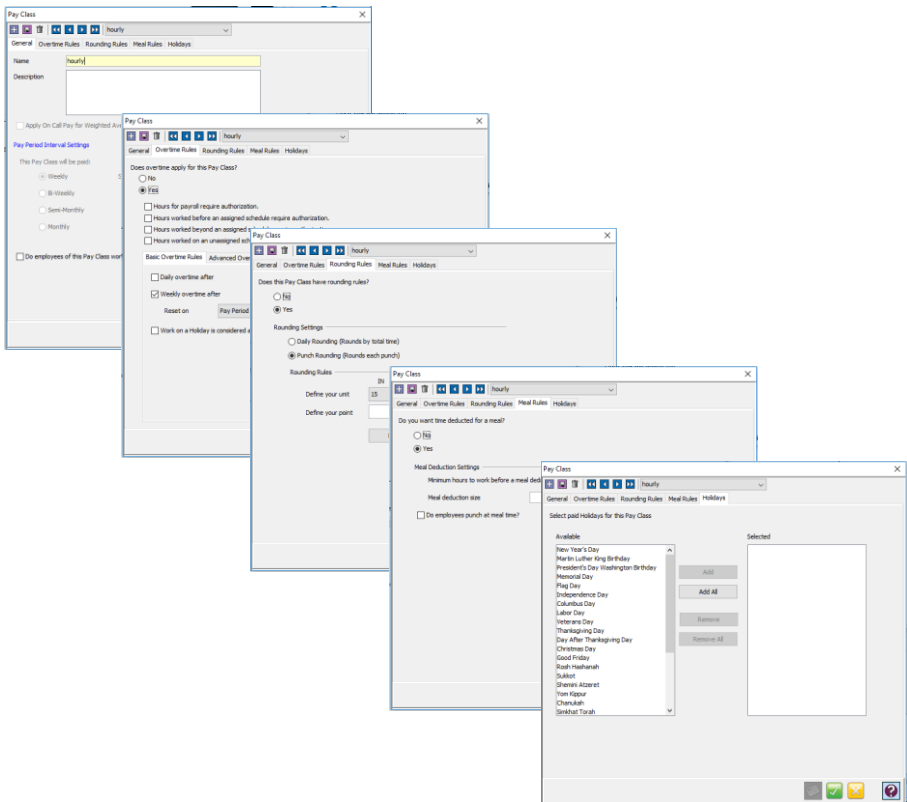
Highlight the **Pay Class** tab at the top of the Setup Wizard.

If you would like to set up Pay Class Rules click on

 **Pay Class**

Here you will define the:

- General Info – Name required
- Overtime Rules
- Rounding Rules
- Meal Rules
- Holidays



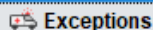
Note: At least 1 Pay Class must be created.

The optional Advanced Pay Class Module provides enhanced day change rules, custom pay period and holiday group setup.

WIZARD – EXCEPTIONS SETUP

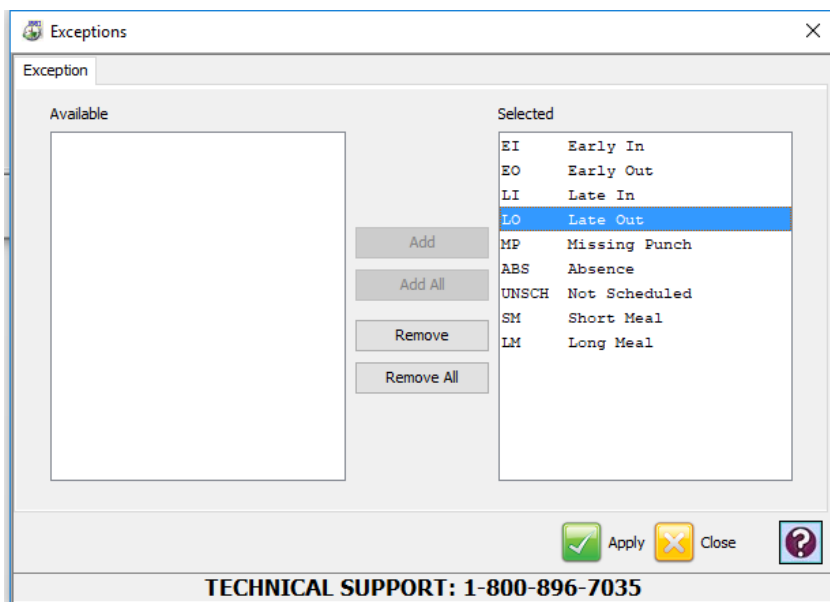
Highlight the **Exceptions** tab at the top of the Setup Wizard.

If you would like to set up Exception Rules click on



Exceptions are used to track and correct employee attendance.

TG has 9 standard exceptions such as LI – Late In and EO – Early Out, which are generated by using meal rules, schedule, and punches.



If you do not want to include a specific Exception, click on the Exception Name (LO – Late Out, for example) and then click the **Remove** button. This Exception will now be shown on the left side of the screen as “Available” but not selected.

Select **Remove All** if you do not want to include any Exceptions.

To add an “Available” Exception to the Selected column highlight the Exception Name and then click **Add**.

Note: The default setting has all Exceptions selected.

WIZARD – EMPLOYEE SETUP

Highlight the **Employee** tab at the top of the Setup Wizard.

To create a new employee select “Yes”.

Then click



Employee

A screenshot of the 'Employees' window in a software application. The window has a title bar 'Employees' and a close button. Below the title bar is a toolbar with icons for adding, deleting, and navigating. A dropdown menu shows '1 test biometric, employee1'. Below this is a tabbed interface with tabs: General, Personal, Contact, Assignments, Schedule, Labor Level, Certification, Wages, Benefit, Web Access, and Access. The 'General' tab is active. It contains several input fields: Number (1), Badge (1), Payroll (1), Last Name (test biometric), Middle Name (empty), First Name (employee1), Hire Date (1/1/2011), Inactive checkbox, Inactive Date, Supervisor checkbox, Authority Level (None), Reject Threshold (Default), and a Comment text area. On the right, there are radio buttons for Type (Hourly selected, Salary) and Pay Type (Hours selected, Schedule), and a text field for Hours (00:00). At the bottom, there are icons for help, save, and a green checkmark, followed by 'Apply' and 'Close' buttons. A footer bar contains the text 'TECHNICAL SUPPORT: 1-800-896-7035'.

From here you will input the new employee information on the corresponding tabs which includes:

- General
- Assignments
- Schedule
- Labor Level
- Wages

Note: Employee badge must be identical to badge number in clock.

WIZARD – CLOCK SETUP

Highlight the **Clock** tab at the top of the Setup Wizard.

Clock Setup provides the ability to configure the AFR-200 terminal

The screenshot shows the 'Setup Wizard' window with the 'Clock' tab selected. The window contains three configuration questions, each with radio button options and a corresponding button.

Do you have time attendance terminals (MTX-15, Hand Punch, FPT-80, etc.)?

☐ No
☒ Yes

Do you want to configure Terminal Validation?
Note: Send down Employee & Department info to terminal(s)

☐ No ☒ Yes Terminal Validation

Do you want to configure Bell Schedule(s)?
Note: Send down schedule to ring bell

☒ No ☐ Yes Bell Schedule

Do you want to configure your terminal(s)?
Note: Configure location and discover terminals

☐ No ☒ Yes Location / Terminal

At the bottom right of the window are three icons: a green checkmark, a yellow 'X', and a blue question mark.

A default Location **must** be created for the AFR-200. To do so, select Yes and click on Location / Terminal

Locations

General Connection Terminals

Name: CEE5190960105

Description: Go to your clock. Press 6 dots for menu. Press up and down icon. System info - device info - enter serial number to above box. Finally, restart TG PUSH service.

Term Type: MTX-PUSH AFR-100/200

TZ Offset Hours: -5 TZ Offset Minutes: 0

2,1,3,2,0,1,1,11,2,0,1

☐ Secondary Output file

Daylight Savings Rules

DSL Start on: 2-nd Sun of March

Start Time Hours: 2 Start Time Minutes: 0

DLS End on: 1-st Sun of November

End Time Hours: 2 End Time Minutes: 0

☒ Enable DLS on Device

Apply Close ?

TECHNICAL SUPPORT: 1-800-896-7035

Enter location **Name** and select **Term Type** from the drop down menu:

MTX-PUSH

MTX-PUSH

MTX-30P

MTX-30M

MTX-30F

MTX-30B

FPT-80

FPT-40

Hand Punch 4000

Hand Punch 3000

Hand Punch 2000

Hand Punch 1000

MTX20

MTX15

MTX10

*****It is very important to select the correct terminal type in the setup.*****

Notes: **Name** must be the serial number of time clock (in all caps). This can be found by pressing/holding the **MORE OPTIONS** button in the clock display.

In the Connection Tab select connection type (Ethernet or WiFi).

For **Ethernet** enter IP Address.

Note: Do not change default Port. IP can be any number, for example 1.

WIZARD – LOGIN SETUP

Highlight the Login tab at the top of the Setup Wizard.


Login Setup provides the ability to decide who will have access to **TG** and assigns employees to a user. Unlimited Login users can be created with different privileges (Admin, Supervisor, or Payroll user) but only two users can concurrently login.

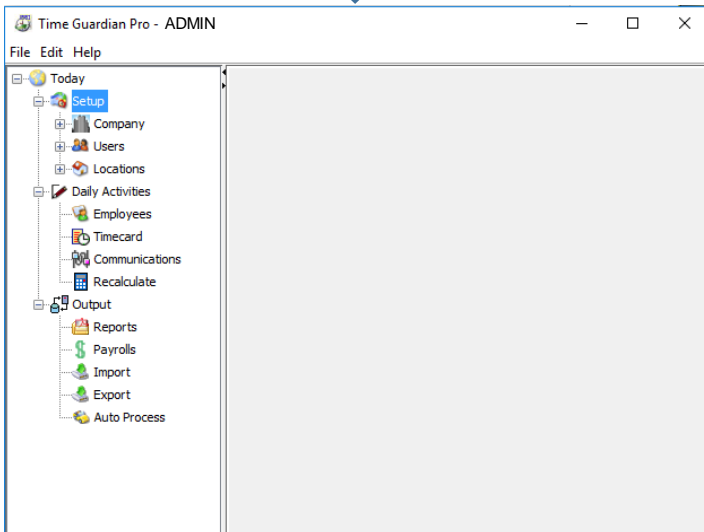
(Additional concurrent user login upgrades are available by calling 1-800-253-9836.)

Note: At least one user profile must be created with Admin rights in **TG**. Please select “Administrator” as the group. ***The Password needs to be 6 to 20 characters and no spaces or symbols can be used in the user name or password.***

WIZARD – FINISH AND LOGIN

Congratulations!

After the Setup Wizard is complete the **TG** login screen will appear. Enter the Username and Password created during the Login Setup (page 14) and click on the  button.



SPECIFICATIONS

CAPACITY	Face: 1,200, Fingerprints: 2,000, ID Card: 10,000 (Optional), Transaction: 100,000
TERMINALS	Dimensions: 7.6" x 6.7" x 3.75" (19.3cm x 16.5cm x 9.5cm)
OPERATING ENVIRONMENT	32°F to 113°F (0°C to 45°C), 20% to 80% relative humidity, non-condensing
WEIGHT	1.75 lbs. (794 g)
DISPLAY	800 x 480 Pixel, LCD Capacitive Touch Screen
FINGERPRINT SENSOR	Optical
POWER INPUT	AC Adapter 100-240V AC, 50-60Hz
SOFTWARE	Time Guardian Windows-based employee time tracking software
REPORTS GENERATED*	Time card, hours worked, exceptions, and much more
INTEGRATION CAPABILITIES	Payroll system integration
SETTING	Programmable: Daylight saving time downloaded through Time Guardian software
MEMORY BACKUP	Up to 2 years continuous memory without power

**Specifications and/or operational characteristics are subject to change without notice.*

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARRANTY INFORMATION

Limited Warranty Statement: Amano Cincinnati, Inc. warrants this equipment to be free from defects in materials and workmanship for a period of one year from the date of purchase from an authorized distributor. If the equipment fails within the one year period, Amano Cincinnati, Inc. will, at its sole option, replace or repair at no charge, the equipment which, in its sole discretion is determined to be defective.

There are no other warranties expressed or implied and Amano Cincinnati, Inc. disclaims any and all other warranties including, without limitations, implied warranties of merchantability and fitness or a particular purpose. Under no circumstances will Amano Cincinnati, Inc. be liable for consequential, incidental or similar damages, including lost savings, profits or other damages caused by use in connection with the product or the ability to use the product, even if the distributor or Amano Cincinnati, Inc. has been advised of such potential liability or other claims, repair or replacement constitutes your sole and exclusive remedy. Some states do not allow the limitation or exclusion of liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you.

During the one year period of warranty, Amano Cincinnati, Inc., will, at its sole option, replace or repair the returned product at no charge if it is determined by Amano Cincinnati, Inc. that the product has failed due to defects in materials and workmanship. If the failure is for any other reason, Amano Cincinnati, Inc. shall repair or replace the returned product and will charge a fee to cover repair or replacement, handling and service based upon its current price schedule in effect at the time of repair or replacement. Amano Cincinnati, Inc. reserves the right, at its sole option, to replace the returned product with a current product having similar features and functionality as determined by Amano Cincinnati, Inc. You, the customer are responsible for properly packing the product for shipment and for the charges for shipment and insuring the product during shipment to Amano Cincinnati, Inc. Amano Cincinnati, Inc. is responsible for the charges of shipment the repaired or replaced product back to you if it is determined that the product failed due to defects in materials or workmanship. If it is determined that the failure of the product was for reason other than defects in materials or workmanship, the product will be return to you C.O.D. for all charges. If the returned product has been modified without Amano Cincinnati, Inc. written consent or if the failure is the result of misuse, abuse, or misapplication, Amano Cincinnati, Inc. has no obligation to repair or replace the defective product.

To obtain warranty service, this registration must be filled online at <http://www.amano.com/registerclock>. For warranty and non- warranty service, contact Amano support.

For further instructions, extended warranty, or for the authorized Amano Cincinnati, service, support or parts distributor near you, call (800) 253-9836 or visit www.amano.com

Any replacement or parts become the property of Amano Cincinnati, Inc.

IMPORTANT

Protect Your Investment

Register your product for:



Product Notifications

We contact our customers in case of product updates, special offers and promotions.



Owner Verification

Registration can serve as verification of your ownership in the event of product theft or loss.



Efficient Service

Registering your product will help you obtain more efficient warranty service in case there is a problem with your product.

Don't forget

Please take the time to register your product.
Registration takes 2 minutes.

COMPLETE YOUR REGISTRATION ONLINE:
While in the software go to help menu, time, register.



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www.amano.com/time