



Installation Guide

ZKTime Web

www.zkteco.com 

Contents

Before Installation	1
Software Specifications.....	1
Hardware Requirements.....	1
Server Controller Setting	13
Server Port Configuration	14
Database Configuration.....	15
Service Setting	20
License Information.....	22
Exit Server Controller	22

Before Installation

Software Specifications

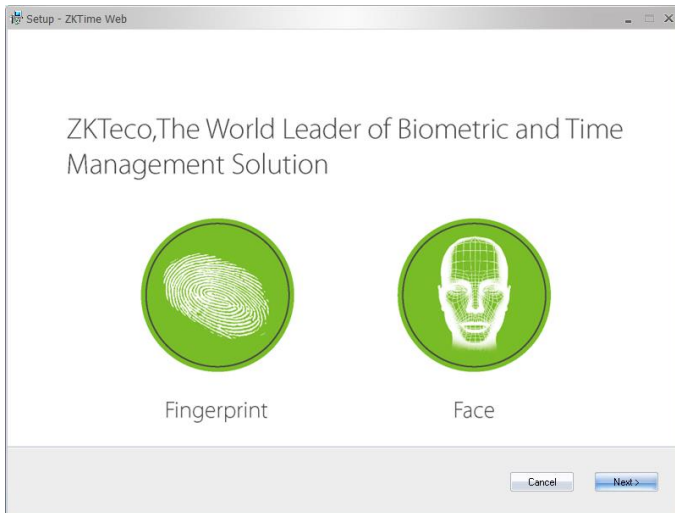
System Architecture	Server / Browser
Device Capacity	500 Single Server
Database	MS SQL Server2005/2008 (Recommend) / MySQL 5.0.45 / Oracle 10g
Suggested Browser	IE 11+ / Google Chrome 33+ / Firefox 27+
Monitor Resolution	1024*768 or Above

Hardware Requirements

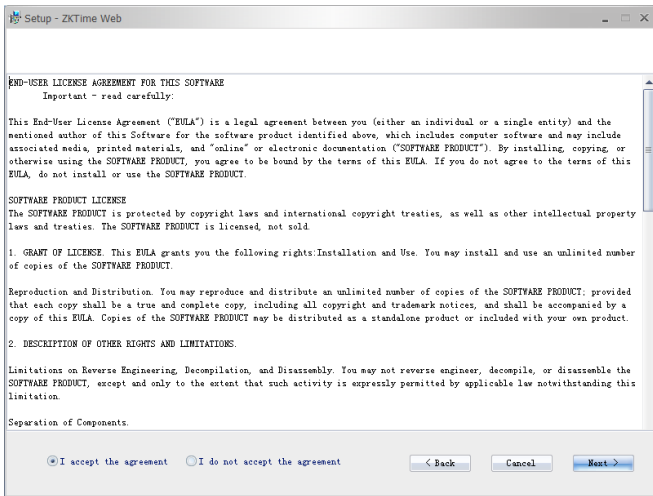
Device	100	200	300
CPU	Intel i3 Quad Core	Intel i5 Magny-Cours	Intel i7 Magny-Cours
RAM	4G	8G	16G
Storage	Available space of 100G or above (We recommend using NTFS hard disk partition as the software installation directory.)		

Installation Procedure

1. Right-click  **setup.exe** in the installation package, and select "*Run as administrator*", the page will be displayed as below:

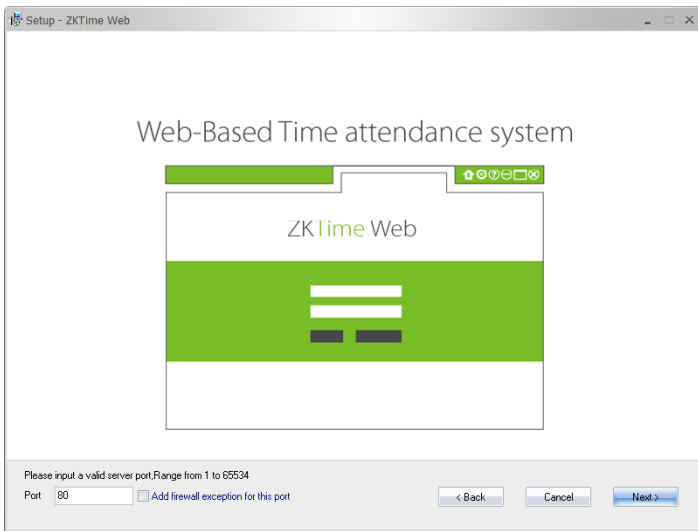


2. Click *Next*.



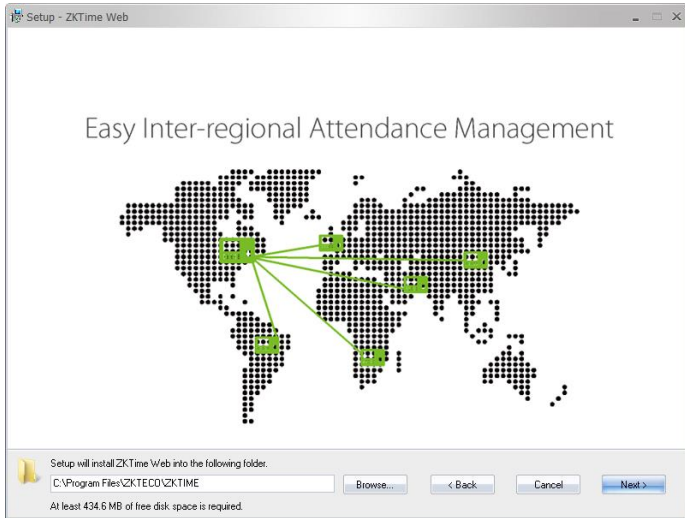
Tick "I accept the agreement".

3. Click *Next* to set server port.



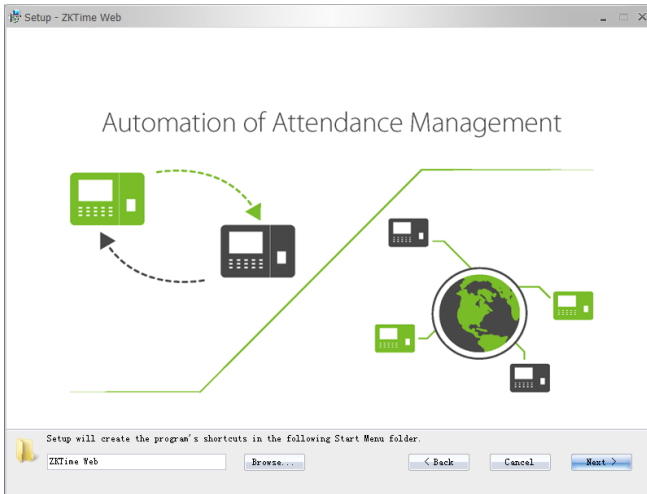
Note: Server port is 80 by default. If the port is occupied, please modify it. It can't be same with database port 1433.

4. Enter an available port number, tick "Add firewall exception for this port" to avoid program running failure. Click *Next* to set installation path.



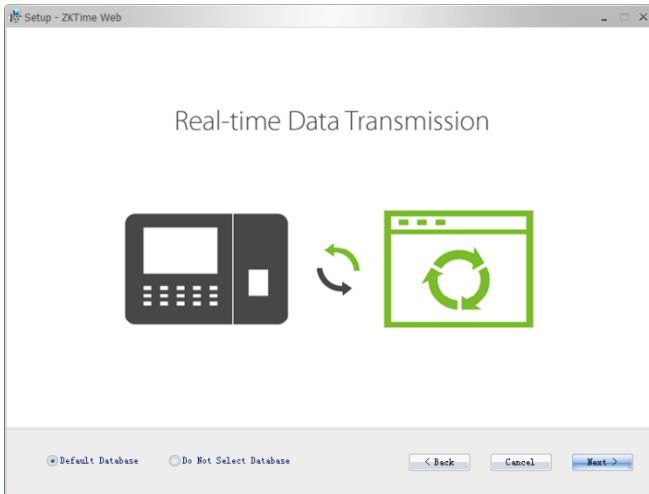
Note: You can custom the installation path. The software requires at least 434.6 MB space, please ensure the installation path you selected has enough space.

5. Click **Next** to set program's shortcut path.



You can click *Browse* to select a path to save the shortcut.

6. Click *Next* to select database.



→ **Do Not Select Database:** if you select this item, you will need to configure the database parameters in “*Server Controller*”, more details please refer to [Database Configuration](#).

→ **Default Database:** If you select this item, the configuration page will be displayed as below after clicking *Next*.

Configure Database

System can support MySQL, MS SQL Server 2005/2008. We recommended to use the default database. If you want to use MSSQL, please self-install and configure the database management software. To use Oracle10g, please contact us.

Remote Database

MS SQL Server

MySQL

Oracle10g

Database Name: zkteco_database

Username:

Password:

Host Address:

Port: 1433

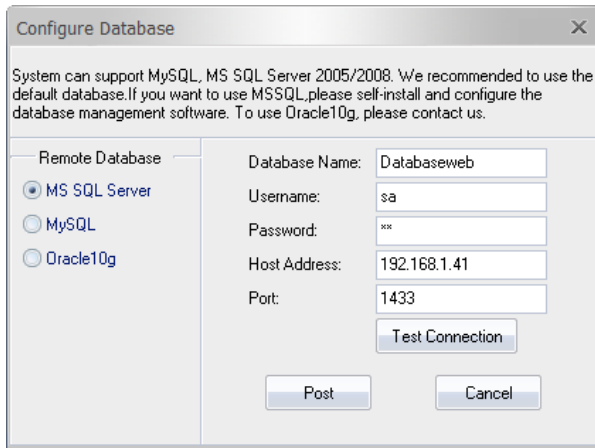
Test Connection

Post Cancel

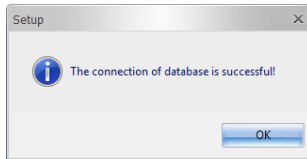
Taking "*MS SQL Server*" as an example to show the configuration.

1) Enter the Database Name, Username, Password and Host Address. The default port is 1433.

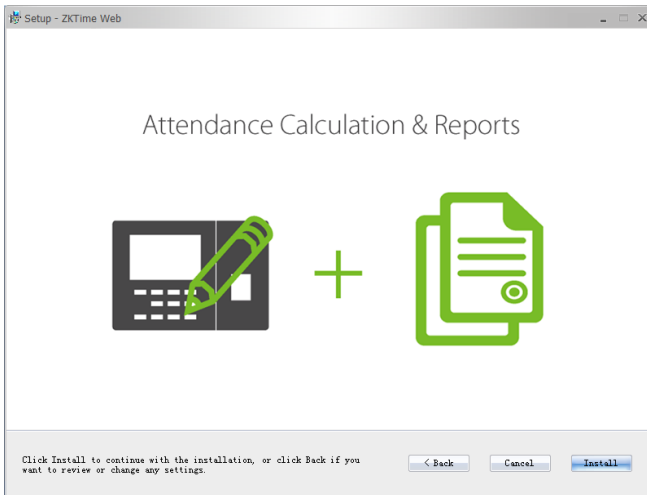
Note: Please enter the correct parameters, and ensure the database connection is operational.



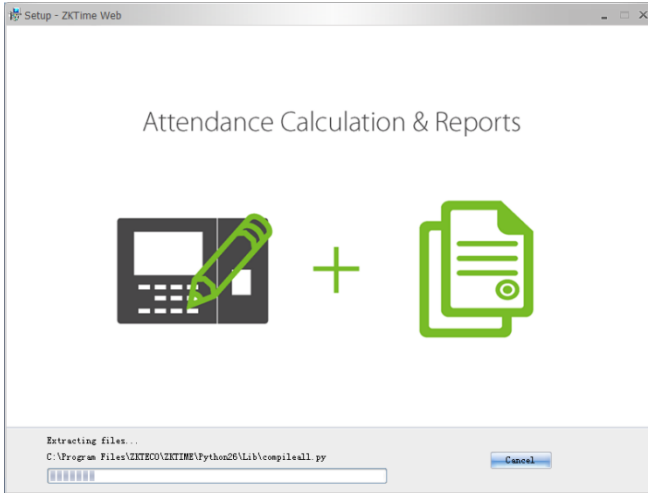
2) Click *Test Connection*. If the connection is ok, the following page will be displayed.



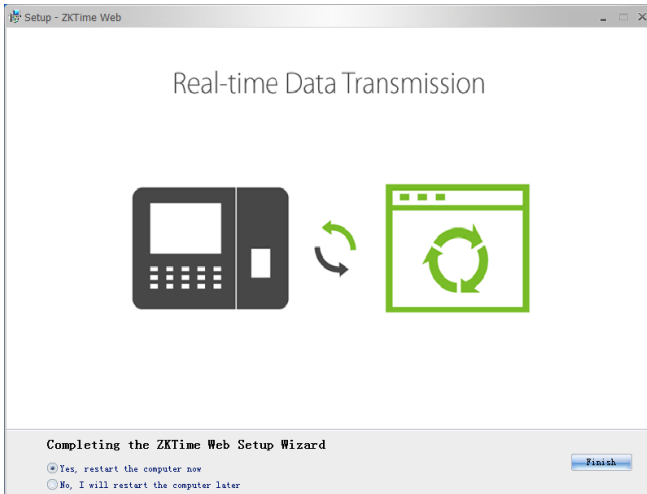
7. Click *OK* to continue installation.



8. Click *Install* to continue with the installation procedure.



9. After the installation is finished, the following page will be displayed:



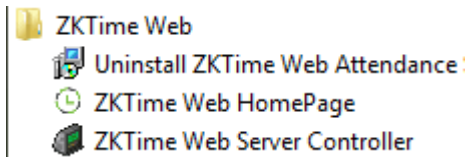
10. Click "*Yes, restart the computer now*" to activate the configuration. Or you can restart the computer later. After restarting, the program's icon will be displayed on the desktop as following:



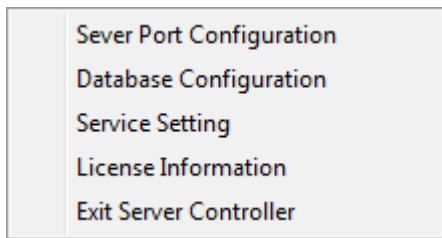
Server Controller Setting

You need to configure the server port and database before using the system.

Enter *Start* → *All Programs* → *ZKTime Web*:

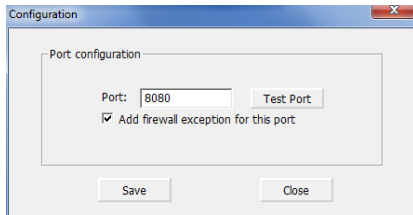


Double-click *ZKTime Web Server Controller* to open it. There are 5 operation modules:

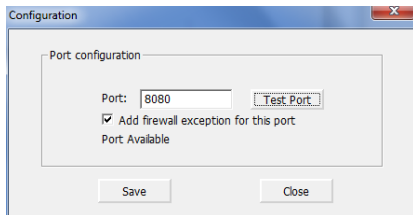


Server Port Configuration

1) Click *Server Port Configuration*:



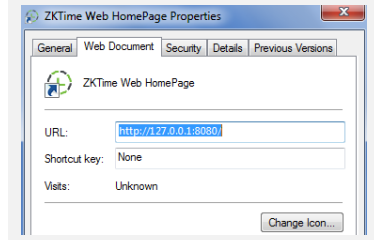
2) Click *Test Port*:



3) Click *Save*.

Note:

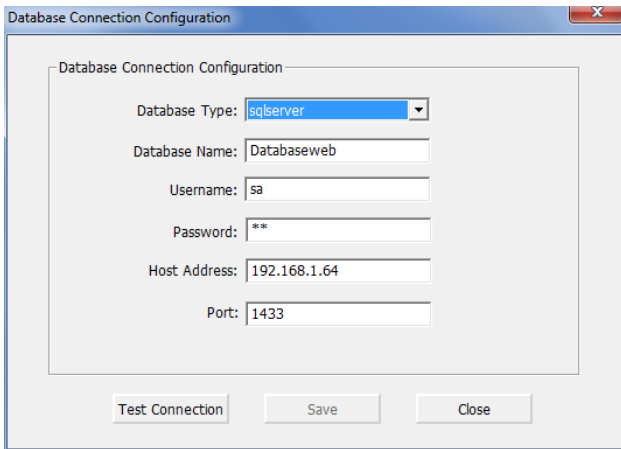
1. "*Port Unavailable*" means that this port is occupied, please set another port and re-test.
2. When the port number is modified, you need to right click the icon on the desktop, and enter *Properties* to change its URL, shown as below:



Database Configuration

1) Click *Database Configuration*:

→ If you have configured the database during the installation, the following page will be displayed:



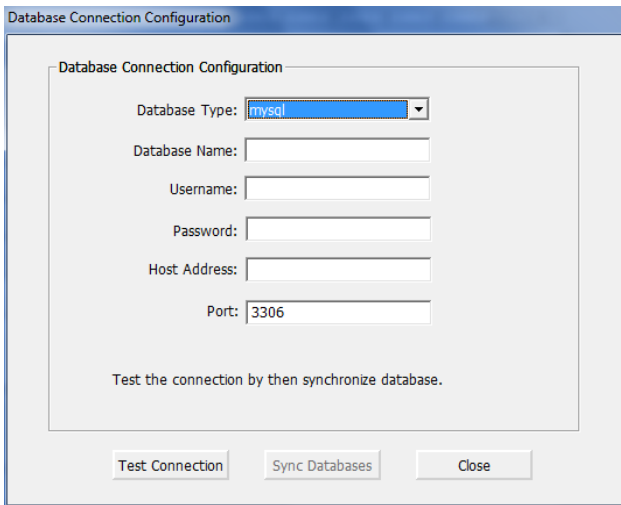
The screenshot shows a dialog box titled "Database Connection Configuration" with a standard Windows window border. Inside the dialog, there is a section titled "Database Connection Configuration" containing several input fields:

- Database Type:** A dropdown menu with "sqlserver" selected.
- Database Name:** A text box containing "Databaseweb".
- Username:** A text box containing "sa".
- Password:** A text box containing "**".
- Host Address:** A text box containing "192.168.1.64".
- Port:** A text box containing "1433".

At the bottom of the dialog, there are three buttons: "Test Connection", "Save", and "Close".

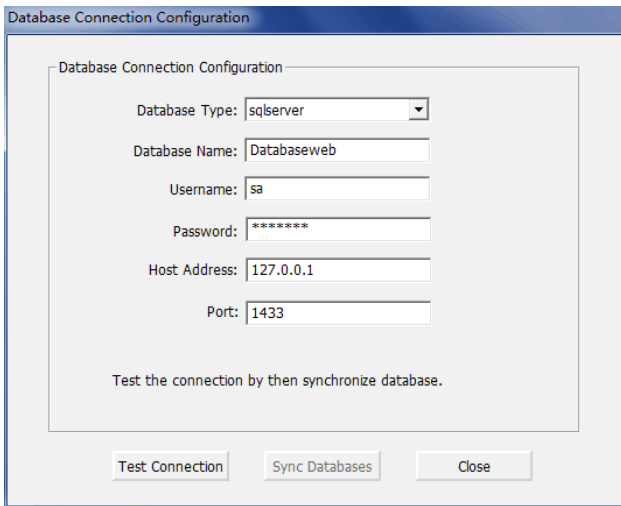
→ If you have not configured the database during the installation, the following page

will be displayed.

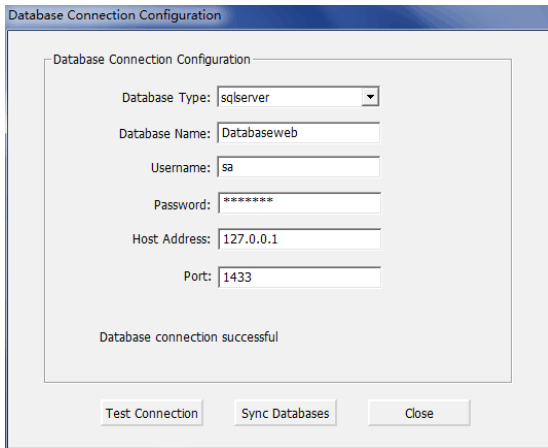


The image shows a 'Database Connection Configuration' dialog box. It has a title bar with the same text. Inside, there's a section titled 'Database Connection Configuration' containing several fields: 'Database Type' is a dropdown menu with 'mysql' selected; 'Database Name', 'Username', 'Password', and 'Host Address' are empty text boxes; 'Port' is a text box containing '3306'. Below these fields is the instruction 'Test the connection by then synchronize database.' At the bottom, there are three buttons: 'Test Connection', 'Sync Databases', and 'Close'.

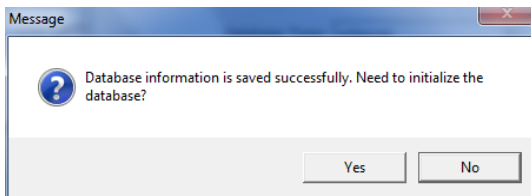
2) You need to select correct database and enter the correct parameters. And then click *Test Connection*:



The connection is successful:



3) Click *Sync Databases*:



4) Click *Yes* to initialize the database:

The screenshot shows a dialog box titled "Database Connection Configuration" with a blue header. Inside the dialog, there is a section titled "Database Connection Configuration" containing several input fields: "Database Type" is a dropdown menu set to "sqlserver"; "Database Name" is a text box containing "Databaseweb"; "Username" is a text box containing "sa"; "Password" is a text box with seven black dots; "Host Address" is a text box containing "127.0.0.1"; and "Port" is a text box containing "1433". Below these fields, a message reads "Initialize successfully, please restart server!". At the bottom of the dialog, there are three buttons: "Test Connection", "Sync Databases", and "Close".

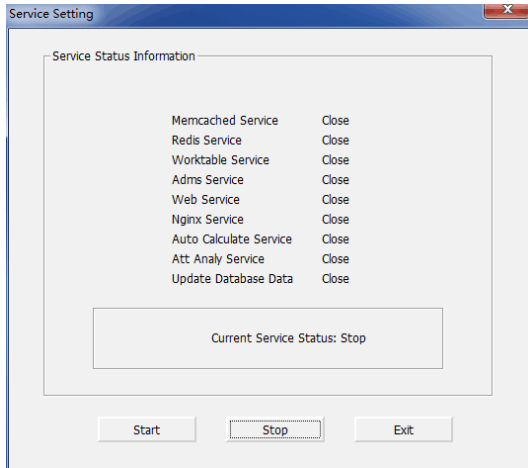
You can also click *No* to stop the initialization.

5) Click *Close* and restart the Server Controller.

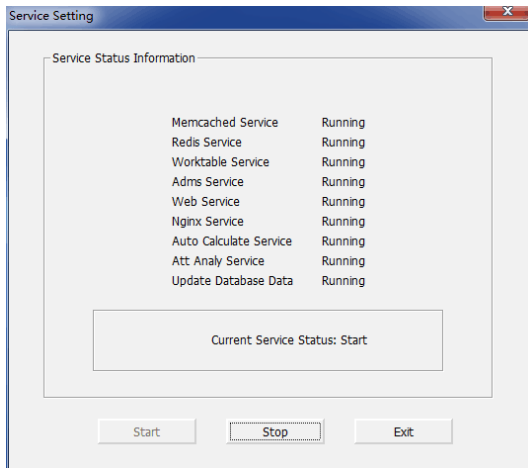
Service Setting

Click *Service Setting* to stop /start the service while there is no service running:

→ When there is no service running, click *Start* to start the services.

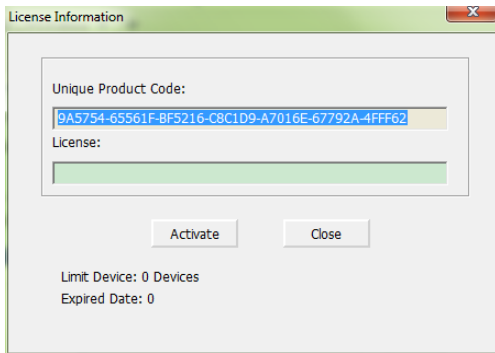


→ When there is (are) service(s) running, click *Stop* to stop the services.



License Information

You can copy and send the “*Unique Product Code*” to our Business Representative, for the ZKTime Web License application.



Exit Server Controller

Click *Exit Server Controller* to exit the services.

