



INSTALLATION GUIDE

Ver 1.1

WARNING:	Use only modems supported by this monitoring
	units. Dixell S.p.a can accept no responsibility for possible damage due the usage of not supported modems.



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	CHECK LIST TO DO LIST RS 485 CONNECTION

1 CHECK LIST

- The XWEB 3000 server unit.
- One power cord for power supply connection.
- A couple of brackets.
- Quick reference manual (Fast installation).
- One serial line adapter
- One CD Rom containing the Operating manual and software



2 TO DO LIST

- Check if the power supply line match the XWEB 3000 specification (90~264 VAC 50~60Hz.).
- Connect the serial line RS 485 with the adapter provided.
- Plug-in monitor, keyboard and mouse (if needed) before turning on the unit.
- Plug-in RJ 45 network cable (not provided).

3 RS 485 CONNECTION

To be connected to the serial line all the Dixell Modbus instruments must be provided with direct RS485 terminals or the "TTL"-RS485 interface (XJRS485 or XJ485). Check the instrument manuals for more information. The RS485 line is mainly based on two polarised terminals. Please beware to respect the right sequence for all the devices connected to the serial line.

Follow these important advises:

• The RS485 serial line must reach all the instruments where they are installed.



- Beware to the wire polarities when screwing them into the instrument terminals.
- The cable must have 2 or 3 wires with shield, minimum section 0,5mm² (eg. the BELDEN 8772).
- From the XWEB 3000 position the cable reaches all the instrument positions.
- Do not execute loops or derivations:

Right connection:

-

Wrong connection:



- Always keep the serial cable away from power cables.
- Always keep the serial cable away from Electro-magnetic or frequency sources.
- Do not connect shield to ground.
- Do not connect the "Gnd" terminal.
- Remember to draw a map of the line. This will help you to find errors if something is wrong.
- The instrument with RS485 have "+" and "-" terminals, respect the polarity.
- To keep the line balanced it is necessary a 100 Ohm resistor at the end of the line (you ca use the RS 485+ and RS 485- terminals of the last instrument connected).

3.1 The TTL output

The instrument with RS485 on board do not need any kind of external interface module. For instruments with external interface: keep the TTL cable away from power cables or frequency sources. The XJ485 external interface must be connected with TTL cable to the instrument with TTL compatibility.

3.2 Serial address of the instruments

Each instrument must be defined by its unique address. Check the address into the **Adr** parameter value. Take reference to the instruction manual of the instrument itself to find the right procedure to enter the programming and set the value. The easiest way to work with the category functions is to set the addresses progressively for similar groups of instruments which have the same application.

4 Local connection with monitor, mouse and keyboard

On the back side, the XWEB 3000 is provided with the sockets for a monitor, a mouse and a keyboard. Please connect all the peripherals before powering-on the unit otherwise the system may fails to recognise them. This means that , for example, if you do not plug the monitor cable now, you won't see anything displayed on it later.

The unit can also work without these three elements therefore if the user intend to work just with the remote, he can definitively remove them after the setup operations. In any case inside XWEB 3000 is loaded a standard browser to allow the user setting up the unit. If necessary check the instructions manual of each device connected to the unit.



The operative procedure to work with XWEB 3000 is the same for all connection method.

It is possible to connect to the unit via a single PC provided with LAN card, by using the net connector RJ 45 (LAN). Due to the PCclient power, this kind of connection is more suitable for the setup procedures.

IMPORTANT: the cable between the Server and the PC must be with crossing wires ("Bridge Cable").

The connection procedure from the remote PC is describe in deep in this guide. You may need some changes to your PC network card, then you will be able to connect to XWEB 3000 via Ethernet line. Once you have finished setting up your network card, connection to XWEB 3000 is established simply by launching the Browser and inserting the default IP number of the unit http://192.168.0.200 into the address bar.

Before going on reading, please take some moments to write down your PC network setup, may be we are going to change it. If the IP address of your PC belong to the hierarchy 192.168.0.XYZ (where XYZ represent a number between 1 and 254), you can reach XWEB 3000 simply plugging in the network cable.

4.1 HOW TO SETUP YOUR NETWORK CARD

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4.1.1 WINDOWS 98 AND ME TCP/IP SETUP

On the desktop, select **My** Computer -> Control Panel -> Network. Choose the Configuration tab.

Network ? 🗙		
Configuration Identification		
The following network components are installed:		
Microsoft Family Logon Image: Dial-Up Adapter		
TCP/IP-> 3Com EtherLink 16 (3C507)		
Add Remove Properties		
Microsoft Family Logon		
<u>File and Print Sharing</u>		
Description TCP/IP is the protocol you use to connect to the Internet and wide-area networks.		
OK Cancel		

Highlight the TCP/IP associated with your Ethernet card and choose Properties. The TCP/IP Properties window will open. On each tab,

make the following settings. Choose the IP Address tab.

TCP/IP Properties		? ×
Bindings DNS Configuration Gate	Advanced eway WINS Configur	NetBIOS ation IP Address
An IP address can be automatically assigned to this computer. If your network does not automatically assign IP addresses, ask your network administrator for an address, and then type it in the space below.		
 <u>D</u>btain an IP address automatically <u>Specify an IP address</u> 		
IP address:	192.168.0.10	10
Subnet Mask:	255 . 255 . 255 . 0	
	ОК	Cancel

Select radio button "Specify an IP address" and compile the fields as the image above. Then go to the DNS tab an choose the radio button "Disable DNS".

TCP/IP Properties	? ×
Bindings Advanced M DNS Configuration Gateway WINS Configuration	NetBIOS
Disable DNS Enable DNS	
Host: Domain:	
DNS Server Search Order	
<u>A</u> dd	
Domain Suffix Search Order	
Add	4
Remove	
ОК	Cancel

Go to gateway and delete any entry.

TCP/IP Properties		
Bindings Advanced NetBIOS DNS Configuration Gateway WINS Configuration IP Address		
The first gateway in the Installed Gateway list will be the default. The address order in the list will be the order in which these machines are used.		
New gateway:		
Installed gateways:		
OK Cancel		

Push Ok button, Windows will ask you to make a reboot. Choose ok and wait while system is rebooting.

4.1.2 WINDOWS 2000 TCP/IP SETUP

Go to Start -> Settings -> Network and Dial-up Connections:



following window should appear:



Right-click the network connection associated with your network card, and then click **Properties**. The following window should appear:

.ocal Area Connection Properties			
General			
Connect using:			
D-Link DFE-530TX PCI Fast Ethernet Adapter			
<u>C</u> onfigure			
Components checked are used by this connection:			
 Client for Microsoft Networks File and Printer Sharing for Microsoft Networks Internet Protocol (TCP/IP) 			
Install Uninstall Properties			
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.			
andwiden in taskbal when connected			
OK Cancel			

Select "Internet Protocol (TCP/IP)", then properties. The following window should appear:

Internet Protocol (TCP/IP) Properti	es ? X		
General			
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.			
O Obtain an IP address automatically			
Use the following IP address			
IP address:	192.168.0.100		
S <u>u</u> bnet mask:	255.255.255.0		
Default gateway:	· · ·		
Obtain DNS server address automatically			
• Use the following DNS server ad	ldresses:		
Preferred DNS server:	· · ·		
<u>A</u> lternate DNS server:	· · ·		
	Ad <u>v</u> anced		
	OK Cancel		

Select radio button "Use the following IP address" and compile the fields as the image above. Push "OK" button

4.1.3 WINDOWS XP TCP/IP SETUP

Click on Start button, chose Control panel, click on "Network and internet connections" icon:



Then chose "Network connections":



The following windows will appear:



Right mouse click on network interface icon, then chose "Properties":



The following windows will appear:

🕹 Home network Properties 🛛 🛛 🔀		
General Authentication Advanced		
Connect using:		
Intel(R) PR0/100 VE Network Connection		
<u>Configure</u> This connection uses the following items:		
 Client for Microsoft Networks Client for Microsoft Networks Quite and Printer Sharing for Microsoft Networks Quite Quite Scheduler Internet Protocol (TCP/IP) 		
Install Uninstall Properties		
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.		
Show icon in notification area when connected		
OK Cancel		

Select "Internet Protocol (TCP/IP)", then click on Properties. The following windows will appear:

Internet Protocol (TCP/IP) Prope	erties 🛛 🖓 🔀		
General			
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.			
O Dbtain an IP address automatically			
O Use the following IP address:			
IP address:	192.168.0.100		
S <u>u</u> bnet mask:	255 . 255 . 255 . 0		
Default gateway:			
O <u>D</u> tain DNS server address automatically			
• Use the following DNS server add	dresses:		
Preferred DNS server:			
<u>A</u> lternate DNS server:			
Ad <u>v</u> anced			
OK Cancel			

5 Modem connection ("or point to point connection")

It represents the most common method where the LAN (intranet / Ethernet / internet) is not available.

It is strongly advised to use a dedicated telephone line.

IMPORTANT: Use exclusively modem devices approved by Dixell.

Remember that many modems are not compatible with Linux. The list of compatible models can be found under the menu: Configuration – System - Modem.

USB Modem (recommended).

Connect the USB Modem to the USB Port on the back side using the modem cable commonly included into the modem packaging itself. There is no need to give power supply to the modem because the Server provides it through the USB port.

The modem reset is directly controlled by the XWEB 3000 Server through the USB port by turning off and then on the modem device. Connect the modem to the telephone line with the phone cable included into the modem packaging. Remember to check if there is a switching machine.

The connection procedure is divided in two parts. In the first part it is necessary to create the Remote Access, in your PC, set with the telephone number of the line where the XWEB 3000 is connected to. You have to use Dixell as Username and Password.

The second is the procedure you will ever use: after launching the new Remote Access that will engage the line through the modem, start the Browser from your PC and insert the address http://192.168.1.200 into Explorer/Netscape address bar.



5.1 HOW TO SETUP a dial-up connection

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5.1.1 SETTING UP DIAL-UP CONNECTION FOR WINDOWS 98

1. Double-click on the "My Computer" icon on your Desktop, then double-click on "Dial-Up Networking".



2. If this is the first time Dial-Up Networking has been run, the Welcome screen will open. Click on "Next" and proceed to step 4.

Welcome to Dial-Up Networking					
	Dial-Up Networking enables you to connect one computer to another computer and to the network by using a modem.				
	< Back Next > Cancel				

3. If you don't get the Welcome screen, double-click on "Make New Connection".

😰 Dial	Up No	etworki	ng			_ D ×
<u> </u>	<u>E</u> dit	⊻iew	<u>G</u> o	F <u>a</u> vorites	<u>C</u> onnections	»
Bac	ı ∗	⇒ Forwa	rd 👻	ta Up	l Create	Ø » Dial
] A <u>d</u> dres	s 😰 I	Dial-Up I	Vetwo	rking 🔽	Norton Anti	Virus 🛃 👻
Make Conne	New					
1 object(s]					///

4. Type "XWEB 3000 DIRECT MODEM" in the first box. When you finish the New Connection wizard, the connection icon will be named "XWEB 3000 DIRECT MODEM". Chose "digicom Botticelli web" or another modem approved dy Dixell. Click "Next".



5. Do not type the area code, insert telephone number with the area code of XWEB 3000 as a prefix.

E.G: If telephone number is 555789 and area code is 099, put this Telephone number: 099555789.

If there is a switching machine and you have to dial a digit to get the line (0 or 9 for example, it depends on the switching machine), put this telephone number: 0, 099555789 or 9, 099555789. Chose your country.

Click "Next".



6.Click "Finish".

X

Make New Connection



You have successfully created a new Dial-Up Networking connection called:

XWEB 3000 direct modem

Click Finish to save it in your Dial-Up Networking folder. Double-click it to connect.

To edit this connection later, click it, click the File menu and then click Properties.



5.1.2 SETTING UP DIAL-UP CONNECTION FOR WINDOWS ME

1. From the Start menu, click Settings, and choose Dial-Up Networking.



2. Double-click the Make New Connection icon.



3. In the Type a name for the computer you are dialling field, type XWEB3000 DIRECT MODEM.

4. Click the down arrow on the Select a device drop-down list and choose "digicom botticelli web" or another modem approved dy Dixell.

5.Click the Next button.



6. Do not type the area code, insert telephone number with the area code of XWEB 3000 as a prefix.

E.G: If telephone number is 555789 and area code is 099, put this Telephone number: 099555789.

If there is a switching machine and you have to dial a digit to get the line (0 or 9 for example, it depends on the switching machine), put this telephone number: 0, 099555789 or 9, 099555789. Chose your country.

7.Click the Next button.



8. Click the Finish button.



9. Click the XWEB 3000 DIRECT MODEM icon with your right mouse button, then choose Properties.



10. Click on the Networking tab.

11. Click the down arrow on the Type of Dial-Up Server: drop-down list and choose PPP: Internet, Windows 2000/NT, Windows Me.

12. Uncheck all the boxes except for Enable software compression and TCP/IP.

13. Click the TCP/IP Settings... button.

- 14. Select Server assigned IP address15. Select Server assigned name server addresses.
- 16. Click the OK button.

TCP/IP Settings				? ×	
Server assigned IP Specify an IP addr.	'address ess -				
IP <u>a</u> ddress:	•	•	•		
Server assigned na Specify name served	ame serve er address	r addres: es	ses	_	
Primary <u>D</u> NS:	•	•	•		
Secondary D <u>N</u> S:					
Primary <u>W</u> INS:		•			
Secondary WINS:					
Use IP header <u>c</u> ompression					
Use default gateway on remote network					
	(OK		Cancel		

- 17. Click on the Security tab.
- 18. In the User name: dixell
- 19. In the Password: dixell
- 20. Click the OK button.
| ? × |
|--|
| General Networking Security Scripting Multilink Dialing |
| Authentication: User name: dixell Password: |
| Do <u>m</u> ain: |
| Connect automatically |
| Advanced security options:
Log on to network
Require <u>encrypted password</u>
Require <u>data encryption</u> |
| |
| OK Cancel |

21. Click the XWEB 3000 DIRECT MODEM icon with your right mouse button, then choose Create Shortcut.



22. Click the Yes button.

Shortcut	X
?	Windows cannot create a shortcut here. Do you want the shortcut to be placed on the desktop instead?
	Yes <u>N</u> o

5.1.3 SETTING UP DIAL-UP CONNECTION FOR WINDOWS 2000

Start-Menu "*Settings*", then "*Network and Dial-up Connections*".

	*	Windows Update	
3	-	Programs 🕨	
<u>8</u>		Documents •	
ofe	R .	Settings 🔹 🕨	Control Panel
P		Search	Network and Dial-up Connections
\$ 200	2	Help Displays netwo	ork and dial-up connections on this computer and helps you create
ğ		Run	
ž	Ì	Shut Down	
	Start	🖸 🕯 🥭 🧊 🖀	

Select to "Make a New Connection"



This starts up the "Network Connection Wizard". Continue with "Next"



Chose "Dial up to the Internet"



Choose "Connect using my phone line":



Do not type the area code, insert telephone number with the area code of XWEB 3000 as a prefix.

E.G: If telephone number is 555789 and area code is 099, put this Telephone number: 099555789.

If there is a switching machine and you have to dial a digit to get the line (0 or 9 for example, it depends on the switching machine), put this telephone number: 0, 099555789 or 9, 099555789. Chose your country.

Click the **Next** button.

Internet Connection Wizard	
Step 1 of 3: Internet account connection information	N/S
Type the phone number you dial to connect to your ISP.	
Area code: Telephone number: Country/region name and code: Italia Dial using the area code and country code	
To configure connection properties, click Advanced. Advanced (Most ISPs do not require advanced settings.)	
< Back Next > Cancel	Help

The User name and Password is dixell.

Internet Connection Wizard	
Step 2 of 3: Internet account logon information	× Z
Type the user name and password you use to log on to your ISP. Your user name may also be referred to as your Member ID or User ID. If you do not know this information, contact your ISP.	
User name: dixell Password: *********	
< Back Next > Cancel	Help

As connection name use "XWEB 3000 direct modem":

ernet Connection Wizard				
Step 3 of 3: Configuring your co	mputer			×
Information about your Internet acc and labeled with a name you provi	count is grouped de.	d together as a d	ial-up connection	
Type a name for the dial-up conne you want to use.	ction. This can	be the name of y	our ISP or any nam	ie
Connection name: XWEB 3000 direct modem				
	< Back	Next >	Cancel	Help

First part is done.

Internet Connection Wizard Image: Constant of the information required to complete the configuration you requested. You have successfully entered all of the information required to complete the configuration tasks, you can restart this wizard at any time by clicking the Start button, pointing to Programs, pointing to Internet Explorer, and then clicking Connection Wizard. Click Finish to complete the configuration.

Now you will found a new icon in your network directory:



Right mouse click and choose properties:

Properties ?	×
General Options Security Networking	
Connect using:	
Modem - Digicom Botticelli Web V92 (COM1)	
Configure	
Phone number	
Area code: Telephone number: 0,099555789	
Country/region name and code:	
Use area code and dialing rules Rules	
Show icon in taskbar when connected	
OK Cancel	

Let general tab as you compile before in this guide choose "networking" tab:

Properties	? ×
General Options Security <u>Networking</u>	
Type of dial-up server I am calling:	
PPP: Windows 95/98/NT4/2000, Internet	▼
	Settings
Components checked are used by this connection:	
Internet Protocol (TCP/IP)	
🔲 📮 File and Printer Sharing for Microsoft Networks	\$
Client for Microsoft Networks	
Install Uninstall Pr	roperties
Description Transmission Control Protocol/Internet Protocol, Th	e default
wide area network protocol that provides communic across diverse interconnected networks.	ation
ОК	Cancel

Select Internet Protocol (TCP/IP) and click on "Properties":

Internet Protocol (TCP/IP) Properties			? ×
General			,
You can get IP settings assigned automatic supports this capability. Otherwise, you need administrator for the appropriate IP settings.	ally if your net d to ask your i	work network	
Obtain an IP address automatically			
C Use the following IP address:			
IP address:			
Obtain DNS server address automatic Use the following DNS server address Preferred DNS server: Alternate DNS server:	ally es:		
		Advan	iced
	OK		Cancel

Compile your windows as describe above. Click ok and close all windows.

5.1.4 SETTING UP DIAL-UP CONNECTION FOR WINDOWS XP

In Windows XP, you will use the "New Connection Wizard".

1. From the Start menu, select Control Panel.



2. If Control Panel is set for "Classic View", double-click on the Network Connections icon.

🕑 Control Panel							
File Edit View Favorites Tools	Help						2
🕝 Back 👻 🕥 👻 🏂 🔎 Se	earch 🔀 Folders	•				Norton AntiVirus	-
Control Panel 🛞	ل Accessibility Add Han Options	dware Add or Remov	Administrative Tools	Audio Device Control	Date and Time	Dell Modem-on	
See Also 🙁	Disc Detector Displ	ay Folder Options	D Fonts	Game Controllers	Intel(R) PROSet II	Internet Options	
 Help and Support 	达 🏹 Keyboard Mou	se Network Connections	Phone and Modem	Power Options	Printers and Faxes	RealPlayer	
	Regional and Scanner	s and Scheduled	Sounds and Audio Devices	Speech	Symantec Livel Indate	System	
	Taskbar and User Acc	counts			Liveopuace		

3. If Control Panel is set for "Category View", select the "Network and Internet Connections" category, then double-click on the Network Connections icon.





4. Under Network Tasks, select "Create a new connection".



5. Click "Next".



6. Click "Next" at the bottom of this page to continue with the setup instructions.

7. Select "Connect to the Internet" and click "Next".

New Connection Wizard
Network Connection Type Image: Connection Type What do you want to do? Image: Connection Type
 Connect to the Internet Connect to the Internet so you can browse the Web and read email. Connect to the network at my workplace Connect to a business network (using dial-up or VPN) so you can work from home, a field office, or another location. Set up a home or small office network Connect to an existing home or small office network or set up a new one. Set up an advanced connection Connect directly to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.
< Back Next > Cancel

8. Select "Set up my connection manually" and click "Next".

New Connection Wizard
Getting Ready The wizard is preparing to set up your Internet connection.
How do you want to connect to the Internet?
Choose from a list of Internet service providers (ISPs)
 Set up my connection manually For a dial-up connection, you will need your account name, password, and a phone number for your ISP. For a broadband account, you won't need a phone number. Use the CD I got from an ISP
< Back Next > Cancel

9. Select "Connect using a dialup modem" and click "Next".

New Connection Wizard		
Internet Connection How do you want to connect to the Internet?		
Connect using a dial-up modem This type of connection uses a modem and a regular or ISDN phone line.		
Connect using a broadband connection that requires a user name and password		
This is a high-speed connection using either a DSL or cable modem. Your ISP may refer to this type of connection as PPPoE.		
Connect using a broadband connection that is always on This is a high-speed connection using either a cable modem, DSL or LAN connection. It is always active, and doesn't require you to sign in.		
< Back Next > Cancel		

10. Type "XWEB 3000 DIRECT MODEM" in the ISP Name box and click "Next".

New Connection Wizard
Connection Name What is the name of the service that provides your Internet connection? Image: Connection Provides your Internet connection Image: Connection Provides your Provides your Internet connection Image: Connection Provides your Provid
Type the name of your ISP in the following box. ISP Name
XWEB 3000 direct modem
The name you type here will be the name of the connection you are creating.
< Back Next > Cancel

11. Type the access number in the Phone Number box.

E.G: If telephone number is 555789 and area code is 099, put this Telephone number: 099555789.

If there is a switching machine and you have to dial a digit to get the line (0 or 9 for example, it depends on the switching machine), put this telephone number: 0, 099555789 or 9, 099555789. Click "Next".

New Connection Wizard	
Phone Number to Dial What is your ISP's phone number?	T)
Type the phone number below. Phone number: 0,099555789 You might need to include a "1" or the area code, or both. If you are not sur- you need the extra numbers, dial the phone number on your telephone. If you hear a modem sound, the number dialed is correct.	e u
< Back Next >	Cancel

12. Type dialup account name dixell in the User Name box. Type dialup password dixell in the Password and Confirm Password boxes. We recommend that you check the first 2 checkboxes, but not the 3rd box which turns on the Internet Connection Firewall. Click "Next".

New Connection Wizard				
Internet Account Inform You will need an accou	nation Int name and password to sign in to your Internet account.			
Type an ISP account name and password, then write down this information and store it in a safe place. (If you have forgotten an existing account name or password, contact your ISP.)				
User name:	dixell			
Password:	•••••			
Confirm password:	•••••			
Use this account name and password when anyone connects to the Internet from this computer				
Make this the default Internet connection				
Turn on Internet Connection Firewall for this connection				
	< Back Next > Cancel			

13. Place a checkmark in the box to create a shortcut on your desktop, and click "Finish".

New Connection Wizard



14. You are now ready to connect to your XWEB 3000. If you want to dial your XWEB 3000 DIRECT MODEM connection automatically when you start Internet Explorer, do the following. Start Internet Explorer, and select "Internet Options" from the "Tools" menu. Select the "Connections" tab. Make sure that XWEB 3000 DIRECT MODEM is your default connection (if not, highlight it and click "Make Default"). Make sure that the "Always dial my default connection" option is selected.

Internet Options	? 🛛		
General Security Privacy Content Connections	Programs Advanced		
To set up an Internet connection, click Setup.	Setup		
Dial-up and Virtual Private Network settings			
XWEB 3000 direct modem	Add		
	Remove		
Choose Settings if you need to configure a proxy server for a connection.	Settings		
Never dial a connection			
O Dial whenever a network connection is not prese	ent		
Always dial my default connection			
Current My ISP	Set Default		
Land Area Mahurah (LAND satisfiers			
Local Area Network (LAN) settings LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.			
OK Cancel Apply			

6 Intranet / ethernet connection

The Intranet or Ethernet connection should be initially managed by the net administrator which will assign one free IP address to reach the Server. This number is an example of what you should expect: http://192.168.000.111.

After receiving the address from your network Administrator the XWEB 3000 must be set with this number.

REMEMBER: A setup wizard will guide you through the procedure. Please ensure you have an IP address to use in network section.

Use a standard RJ45 network cable to connect the unit to your lan.

The Intranet method allows the connection to interact with XWEB 3000 from all the PC Clients. Insert the net address assigned by the administrator into the Browser address bar. Bookmark the address with personalised name for the future connections.



Internet connection

It is necessary a STATIC IP address for the XWEB 3000 which is normally assigned by the Provider of your internet services (ISP). The Internet connection allows XWEB 3000 to be reached from all PC-clients. Insert the net address assigned by the administrator into the Browser address bar. Bookmark the address with personalised name for the future connections. Ask your provider for more details about the rent of a the static IP. This the internet system requirements for the best result:

Wide band connection.

At least 1 static IP addresses for the XWEB 3000.

The internet connection is established through a device called Router that receives and sends the data as interface between an Intranet and Internet. The Provider also assigns the address of the router that is called IP WAN.

Remember that the default value of the IP of the XWEB 3000 is: 192.168.0.200.

Depending on the contract the Provider can also supply the router, otherwise the user can buy it separately.

<u>REMEMBER</u>: ask qualified personnel for the router installation by using this information.

Used ports that are mapped to the LAN side:

80 (used for the http:// access)

22 (used for SSH connection)

443 (used for SSL protected connection)

10000 (used for the internal modules of the system)

The above ports are all related to the XWEB 3000 IP address 192.168.0.200.

While the ports on the WAN side are:

Telnet (to configure the router from a remote, also via Internet) http (To access the XWEB 3000)

If working with the router GATEWAY and DNS check your Internet contract details.



Troubleshooting Guide

Problem	Solution
The log-in page doesn't load	Check your browser setup.
My password doesn't allow	Beware to the caps-lock
me to log-in.	button an capitol letters. Is it
	your password correct?
My browser can't reach	Check cable typology
XWEB 3000 log-in page	From windows go to
	Start->Run
	ping 192.168.0.200 –t
	A continuous set of
	information should be
	appear.
Someone in the	XWEB 3000 uses the same
intranet/LAN receive a	address of a resource
warning message about an	already used in your
IP conflict.	intranet/LAN. Change
	XWEB 3000 IP address.

Unit Setup Reminder

Please take some moments to make an hardcopy of this page, then compile it and store it near XWEB 3000 unit.

HostName	
IP Address	
Gateway	
DNS 1	
DNS 2	
SMTP	
E-mail address	
Modem type	
Telephone number	

Notes

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