

# **Unified Office Gateway**

UMG-1000 / UMG-1000W

Quick Installation Guide

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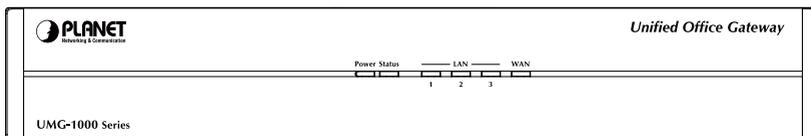
## **1. Package Contents**

- UMG-1000 / UMG-1000W Unit x 1
- AC Power Cord x 1
- CD x 1
- Quick Installation Guide x 1
- HDD accessories package x 1
- RJ-45 to RS-232 Console cable x 1
- Antennas x 2 (UMG-1000W)

If any of above items are damaged or missing, please contact your dealer immediately.

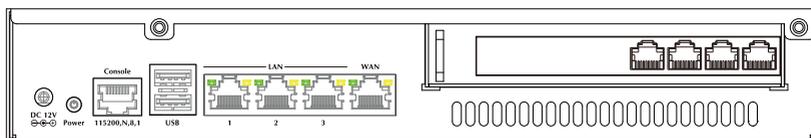
## 2. Overview

### Front Panel



LED	ON/OFF	Description
Power	On	Power On
	Off	Power Off
Status	Flash	System operating
WAN	On	Connect to WAN port
	Off	Disconnect to WAN port
LAN	On	Connect to 1~3 LAN ports
	Off	Disconnect to 1~3 LAN ports

### Rear Panel



Port	Description
DC 12V	DC 12V, 3.75A
Power	Power ON/OFF button
Console	Use RJ-45 to RS-232 console cable for engineer maintenance (future feature)
USB	2 x USB2.0 (future feature)
LAN	3 x RJ-45 10/100/1000Base-T, Auto-Negotiation, Auto MDI/MDI-X
WAN	1 x RJ-45 10/100/1000Base-T, Auto-Negotiation, Auto MDI/MDI-X
Voice	4 x RJ-11 (4 x FXO)
Antenna (For UMG-1000W)	Used to connect the external antenna for 802.11b/g/n wireless network

### 3. Hardware Installation

#### 3.1 Removing the Chassis Cover

- The screws around the cover are used to secure the cover to the chassis. Remove these screws and put them in a safe place for later use.



- Slide the cover backward then remove it from the chassis.



Caution

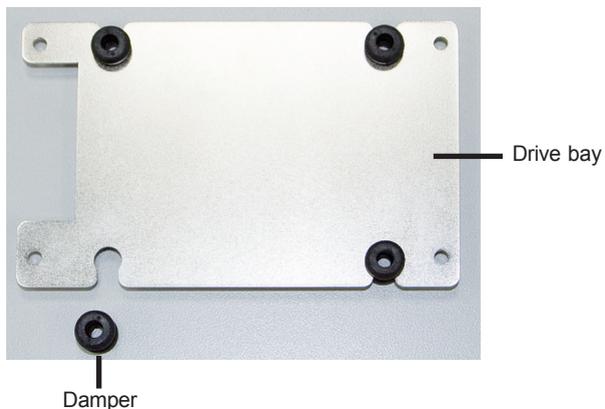
Prior to removing the chassis cover, make sure the unit's power is off and disconnected from the power sources to prevent electric shock or system damage.

#### 3.2 The Hard Disk Installation

The 2.5" SATA HDD is necessary for system operating. Please install at least 80G HDD before system configurations.

- Remove the drive bay from the chassis.

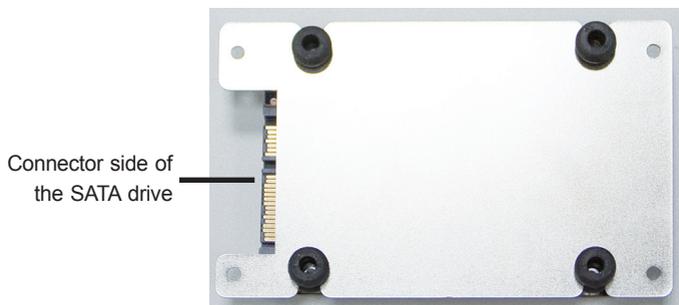
- Insert the provided dampers on the sides of the drive bay.



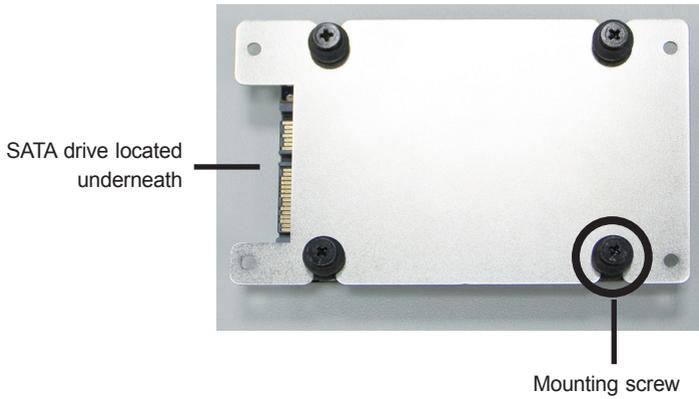
- Place the SATA drive on the drive bay.



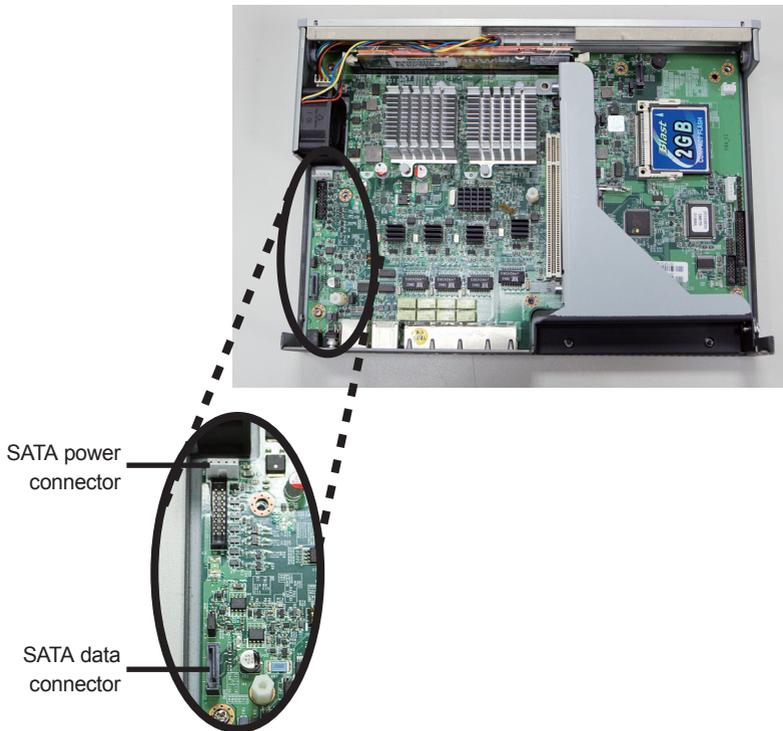
- Turn to the other side of the bay then use the provided mounting screws to secure the SATA drive to the drive bay.



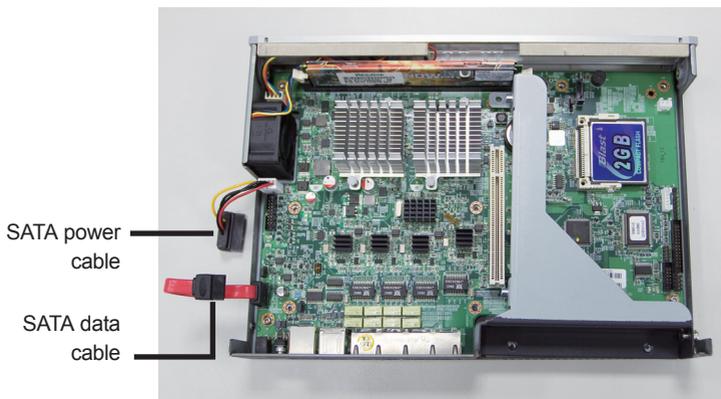
- The photo below shows the screws mounted in place.



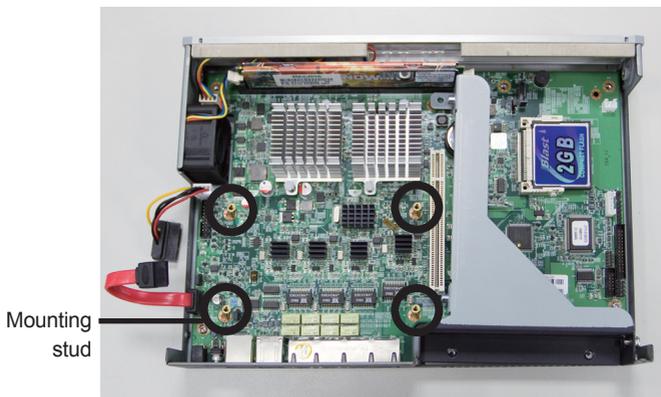
- Locate for the SATA data connector and the SATA power connector on the motherboard.



- Connect the provided SATA data cable and SATA power cable to the connectors on the motherboard.



- Locate for the mounting studs on the board.



- Align the mounting holes of the drive bay with the mounting studs on the board then use the provided mounting screws to secure the drive bay in place.



- Connect the SATA data cable and SATA power cable to the SATA drive.



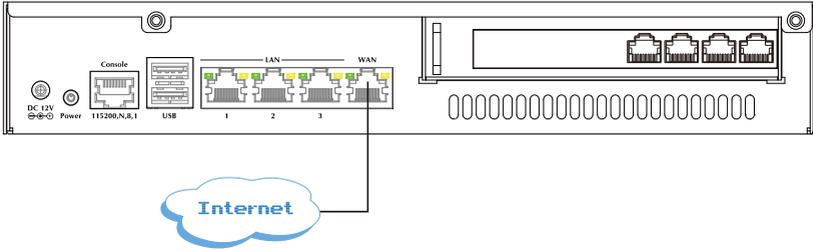
- Putting the cover back to the chassis and lock the screws.



## 4. Physical Connection

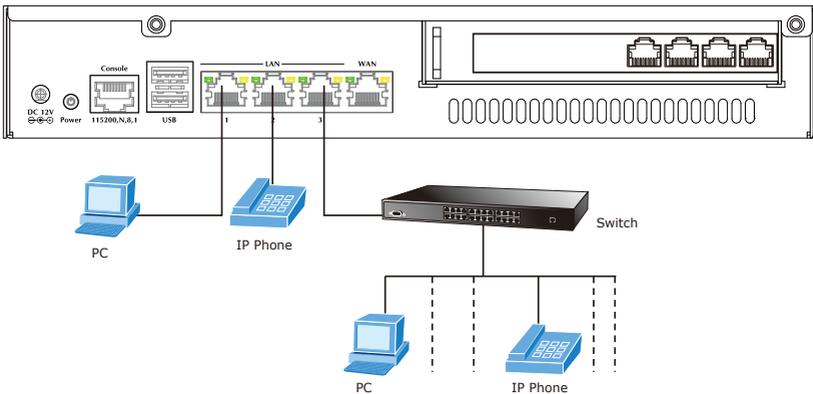
### 4.1 WAN Connection

- Locate the WAN port on the rear panel.
- Connect the WAN port with the Ethernet cable.



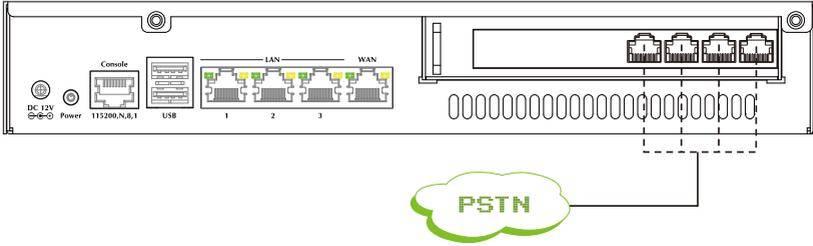
### 4.2 LAN Port Connection

- There are 3 Ethernet ports on the rear panel. It is recommended to connect the third port switches to the LAN port to expand the LAN ports.



### 4.3 PSTN FXO Port Connection

- Locate the voice port of the PSTN adapter on the rear panel.
- The Analog PSTN port may vary from 4 FXO ports.
- Connect one or more telephone cables to one of the selected FXO port.



## 5. Quick Setup Wizard

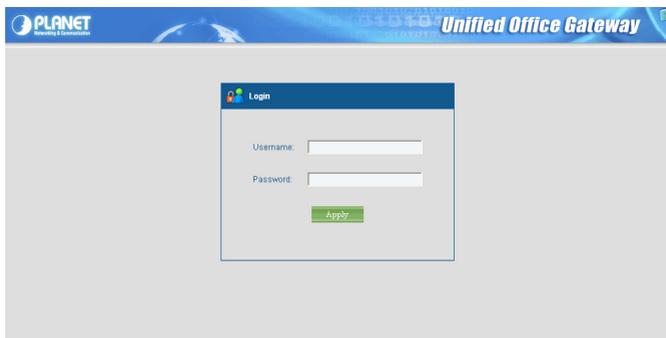
From this chapter, we will describe how to use PLANET View to configure and control the UMG-1000 / UMG-1000W features and setup IT services configuration. PLANET View enables you easily navigate through all IT configurations and services.

### 5.1 First Time Login

Now that the network connection between your PC and UMG-1000 / UMG-1000W has been established, you must login in order to access PLANET View.

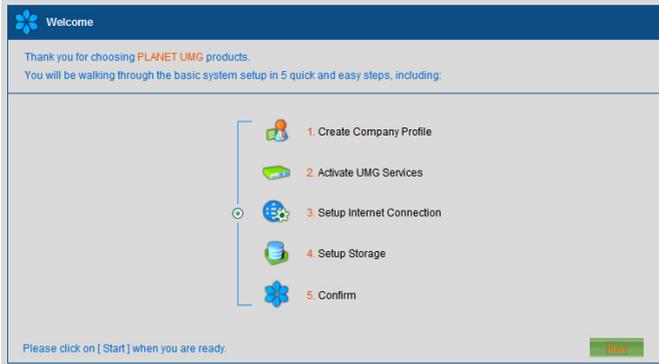
Launch a web browser (for example: IE, Firefox etc.) and type the UMG-1000 / UMG-1000W IP address in the address bar. The default address is "<http://192.168.1.1>".

If you can not see the following login page, recheck your physical LAN connection and repeat Section "LAN Connection". To avoid web-based management abused by unauthorized users, the login sessions will logout automatically if the session is inactive for more than 5 minutes. Type in an authorized username and password and then click the button "Apply". The default username is "**admin**", and its password is "**admin**" all in lower case.



### 5.2 Welcome to Quick Start

After the first login, an easy and short quick start up should be completed to make the UMG-1000 / UMG-1000W service normally. There is an alternative selection in the page "Welcome". One selection is for "Quick Start" and the other is for "Faster Recovery UMG to UMG" which will be explained in the user's manual. The quick start includes five steps which will lead administrator to setup the UMG-1000 / UMG-1000W. Check the first radio box and then click the button "Start" to continue.



## Step 1: Create the Company Profile

This page allows an administrator to build a company profile. Specify the profile and then click the button "Next" to go to step 2.

Create Company Profile ( 1 of 5 )

The following system information is required for the PLANET UMG product to work properly and comply with legal requirements in your country.

Company: PLANET  
Name of your company, e.g. PLANET Technology, Inc.

Location: TAIPEI  
Name of location of this UMG product, e.g. Headquarters, New York, etc

Country: TAIWAN  
Please select your country

Time Zone: (GMT+08:00) Taipei  
Please select your time zone

PBX Extension: 1XXX  
Please specify the prefix of your extension

Back Next

Item	Description
Company	Specify your company name.
Location	Specify your city name.
Country	Specify your country name.
Time Zone	Specify the time zone.
PBX Extension	Specify the prefix of the extensions. All PBX extensions will be prefixed with this number. (X=0~9).

## Step 2: Activating UMG-1000 / UMG-1000W services

The UMG-1000 / UMG-1000W allow the administrator to activate the service on demand. By default, all services are inactive. The administrator can activate the service in this page by checking the radio box of the corresponding service. The activated services will start up by using the default configuration after the quick start. Click the button "Next" to go to step 3.

Activate UMG Services (2 of 3)

Please set up following UMG services. (Default settings are recommended)

PBX VoIP  Enable  Disable

PPTP VPN  Enable  Disable

Email Server  Enable  Disable

Network Storage  Enable  Disable

Internet Domain Name

Please connect Internet port with your DSL modem with an Ethernet cable.

WAN Port

Modem

INTERNET

Back Next

Item	Description
PBX	Enable or disable the IP PBX service.
PPTP VPN	Enable or disable the PPTP VPN service.
Email	Enable or disable the Email service.
Network Storage	Enable or disable the network storage service.
Internet Domain Name	Specify a valid Internet domain for the email server if the email service is enabled.

## Step 3: Setting up the Internet Connection

This page allows the administrator to quickly setup the WAN connection. To setup the Internet connection, you should be awarded of what method you are using to connect to the Internet. All technical information should be provided by your Internet Service Provider (ISP). The ISP type should be one of the followings: static, DHCP, PPPoE or PPTP. Select your ISP type in the drop down menu. Specify the Internet connection configuration and then click the button "Next" to go to step 4 or click the button "Skip" to skip this step.

## AUTO DETECT ISP TYPE

By clicking the button "Detect", you can make the UMG-1000 / UMG-1000W to recognize the ISP type automatically.

**Setup Internet Connection (3 of 5)**

ISP Type: Static [Detect]

IP Address: . . .

Subnet Mask Address: . . .

Default Gateway Address: . . .

DNS Server Address: . . .

MAC Address: 00:30:4F:71:23:17

[Back] [Next] [Skip]

It may take a while to detect your ISP type. Please wait.

**Setup Internet Configuration**

System is detecting your type of internet service provider (ISP)...

Detecting: 32%

Operation is in process, please wait...

The ISP type will be detected and the result will be presented as follows. If "Network Cable Disconnected" is detected, please recheck the physical connection and repeat the action as shown in Section "WAN Connection". There could be more than one ISP type recognized, so choose the most suitable type from the list and then click the button "Next" to continue.

**Setup Internet Configuration**

Internet service provider(ISP) type detect result :

- Network Cable Disconnected
- ADSL PPPoE Detected
- PPTP Detected
- DHCP Detected
- Static Detected

Please select one to config as your ISP type.

[Next]

## MANUAL SETUP INTERNET CONFIURATION: **STATIC**

If your ISP type is "Static", choose it as your ISP type and setup the configuration.

The screenshot shows the 'Setup Internet Connection (3 of 5)' window. The 'ISP Type' dropdown is set to 'Static'. A 'Detect' button is visible. The 'IP Address', 'Subnet Mask Address', and 'Default Gateway Address' fields are empty IP address input boxes. The 'DNS Server Address' field has a radio button selected for 'Automatically obtain DNS addresses' and two empty IP address input boxes below it. The 'MAC Address' field shows '00:30:4F:71:23:17'. At the bottom right, there are 'Back', 'Next', and 'Skip' buttons.

Item	Description
IP Address	Specify the static IP address.
Subnet Mask Address	Specify the subnet mask address.
Default Gateway Address	Specify the IP address of the default gateway.
DNS Server Address	Specify the IP address of the primary and secondary Domain Name System.
MAC Address	Show MAC address information.

## MANUAL SETUP INTERNET CONFIURATION: **DHCP**

If your ISP type is "DHCP", choose it as your ISP type and setup the configuration.

The screenshot shows the 'Setup Internet Connection (3 of 5)' window. The 'ISP Type' dropdown is set to 'DHCP'. A 'Detect' button is visible. The 'DNS Server Address' field has a radio button selected for 'Automatically obtain DNS addresses' and two empty IP address input boxes below it. The 'MAC Address' field shows '00:30:4F:71:23:17'. At the bottom right, there are 'Back', 'Next', and 'Skip' buttons.

Item	Description
DNS Server Address	Automatically obtain the DNS address or specify the IP address of the primary and secondary DNS server.
MAC Address	Show MAC address information.

## MANUAL SETUP INTERNET CONFIURATION: PPPOE

If your ISP type is "PPPoE", choose it as your ISP type and setup the configuration.

The screenshot shows a configuration window titled "Setup Internet Connection (3 of 5)". The "ISP Type" is set to "PPPoE" with a "Detect" button. Below are input fields for "Login Name", "Password", and "Confirm Password". The "Static IP Address" section has radio buttons for "Enable" and "Disable", with "Disable" selected. The "DNS Server Address" section has radio buttons for "Automatically obtain DNS addresses" (selected) and two empty IP address fields. The "MAC Address" is displayed as "00:30:4F:71:23:17". At the bottom right are "Back", "Next", and "Skip" buttons.

Item	Description
Login Name	Specify the login username to the PPPoE server.
Password	Specify the login password to the PPPoE server.
Confirm Password	Retype the password.
Static IP Address	Specify whether you have a static IP address.
IP address	Specify your static WAN IP address if you have enabled the "Static IP Address".
Subnet Mask Address	Specify the subnet mask address if you have enabled the "Static IP Address".
DNS Server Address	Automatically obtain the DNS address or specify the IP address of the primary and secondary DNS server.
MAC Address	Show MAC address information.

## MANUAL SETUP INTERNET CONFIGURATION: PPTP

If your ISP type is "PPTP", choose it as your ISP type and setup the configuration.

The screenshot shows a configuration window titled "Setup Internet Connection (3 of 5)". It contains the following fields and options:

- ISP Type: A dropdown menu set to "PPTP" with a "Detect" button next to it.
- PPTP Server: A text input field.
- Login Name: A text input field.
- Password: A text input field.
- Confirm Password: A text input field.
- Static IP Address: Two radio buttons, "Enable" and "Disable", with "Disable" selected.
- DNS Server Address: Two radio buttons, "Automatically obtain DNS addresses" and a manual input field, with "Automatically obtain DNS addresses" selected.
- MAC Address: A text field displaying "00:30:4F:71:23:17".

At the bottom right, there are three buttons: "Back", "Next", and "Skip".

Item	Description
PPTP Server	Specify the PPTP server IP address.
Login Name	Specify the username to login to the PPTP server.
Password	Specify the corresponding password to login to the PPTP server.
Confirm Password	Retype the password.
Static IP Address	Specify whether you have a static WAN IP address.
IP address	Specify whether you have a static IP address.
Subnet Mask Address	Specify your static WAN IP address if you have enabled the "Static IP Address".
DNS Server Address	Specify the subnet mask address if you have enabled the "Static IP Address".
MAC Address	Show MAC address information

## Step 4: Creating the Network Storage

This page allows the administrator to quickly setup the storage. Because the UMG-1000 Series just could install one hard disk, so that just the “JBOD” option can be selected. Then click the button “Next” to go to step 5.

Create Network Storage (1 of 5)

Please select the raid level

Hard Drives

SATA1:	ST9160823AS	156.29 GB	SATA3:	0.00 GB
SATA2:	0.00 GB		SATA4:	0.00 GB

Total Capacity: 156.29 GB

Please select the raid level

JBOD  RAID 0  RAID 0+1  RAID 5

Warning ALL DATA ON THESE HARD DRIVES WILL BE ERASED!

Back Next

## Step 5: Confirmation

Please recheck your input data to ensure the accurate. Click the button “Back” to make changes. Then confirm your data and wait for the accomplishment of the wizard. It will take a couple of minutes. Please **“do not”** close the browser. The browser will show the RAID building progress. After finishing the wizard successfully, the page of “Personal Account Web Administration” will automatically appear.

Confirm

You have just completed the quick start setup. Here is a summary of your settings:

<b>Profile</b>		<b>Service</b>	
Company	PLANET	PBX	Disabled
Location	TAIPEI	Email	Disabled
Country	TAIWAN	PPTP VPN	Disabled
Extension	1XXX	Storage	Disabled
		Internet Domain Name	N/A
<b>Storage</b>			
RAID Level	JBOD		
<b>Wireless</b>		<b>Internet</b>	
Access Point(AP)	Disabled	ISP Type	static
Hide SSID	Disabled	IP Address	210.66.155.75
Network Name(SSID)	UMG_WIFI	Subnet Mask Address	255.255.255.224
Wireless Region	USA	Default Gateway Address	210.66.155.94
Channel	1	Primary DNS Address	168.95.1.1
Wireless Mode	802.11b	Secondary DNS Address	168.95.192.1
Authentication Type	open	MAC	00:30:4F:71:23:17
Data Encryption	none	MTU	1400
Security Key	N/A		

Now the UMG is ready to serve your office once you have added user accounts.

Back Confirm

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## ***Further information***

For further detail configurations and information can be found in the user's manual CD.

If you have other questions, please contact the local dealer where you purchasing this product.