

SMARTASSIST Direct

SMARTASSIST-Direct

- The pictures in this manual refer to Windows 7 (some to Windows XP).
- The contents of this manual may change without prior notice.

Installation Manual	SMARTASSIST-Direct	コードNo.	0AYSA-G00200
---------------------	--------------------	--------	--------------

Contents

1. Before Installing SMARTASSIST-Direct	1
2. Installation Steps	2
3. Installing the Software	3
4. Default Mode1	6
5. YDS User ID and Password1	8
6. Security Check	20
7. USB Driver of the Interface Box	21

1. Before Installing SMARTASSIST-Direct

Required items

• PC

CPU: Intel Pentium 4 2 GHz or more recommended

• HDD: 200 MB or more recommended ^{*1}

- OS ^{*2}/Memory:
- Windows XP SP3 Windows Vista SP2

1 GB recommended

- Vista SP2 2 GB recommended
- Windows 7 SP1 2 GB recommended
- Display resolution: 1024 x 768 or higher
- USB 1.1 or higher: 1 port
- ¹¹ Excluding the obtained data accumulation and data storage for the manual link.
- ² Depending on the language setting and the version of the operating system, it might not be possible to use (install) this software.

If you cannot install the software, please contact the YANMAR employee in charge.

Internet connection

- To communicate with the center during installation and perform initial settings
- To download the software

• License serial number

• Sent together with the SMARTASSIST-Direct utilization notice via e-mail or postal mail.

 $\text{YANMAR} \rightarrow \text{YANMAR} \text{ Regional HQ} \rightarrow \text{Utilization Company}$

- $\text{YANMAR} \rightarrow \text{Utilization Company}$
- Sent to the e-mail address or postal address of the representative noted on the application form. *

* Depending on the circumstances, we may also contact you when a SMARTASSIST-Direct training session is held.

2. Installation Steps

1	Obtaining the software	Save the software to your PC by the method described below or in the sepa-
		 Copy the software from the media (e.g. DVD, CD) that was sent to you.

2 Decompressing the soft- Decompress the compressed software.
 ware

 * Depending on how you obtained the software, this might not be necessary.
 For details, refer to the separate document "How to obtain the software".

3 Installation Execute the installer and follow the instructions on the screen to install the software.

4 Initialization During installation, the software automatically communicates with the center (SMARTASSIST-Core) and performs the initial information settings associated with the utilization.

5 User verification

After installation, the login screen appears. Enter your user ID and password. The user is verified.

Installation complete

3. Installing the Software

Confirm the following precautions before installing the software.

• Check the PC user privileges

To install the software, it is necessary to have Administrator or Power User privileges.

Remark This is the same as for other software installations.

Check the Internet connection

To communicate with the center during installation, perform the initialization and make the software available, the PC must be able to connect to the Internet.

• Do not connect the SMARTASSIST-Direct Interface Box (I/F Box) during installation

If the I/F box is connected to the PC during installation, the driver installation will also start and normal installation will not be possible.

1 Double-click the new folder named "YSASSD_SetupJ".

(The example screen below applies if you copied the software to the desktop.)





The English version of the folder is named "YSASSD_Setup".

2 Find the file "Setup.exe" and double-click it.

🔿 🔾 - 🚺 🕨 УS	ASSD_Setup 🕨		• 4	Sei	arch YS	A
<u>Eile E</u> dit <u>V</u> iew <u>I</u>	ools <u>H</u> elp					
Organize 👻 Incl	lude in library	Burn New folde	er 8			0
😭 Favorites	A Name	Date modified	Туре	Size		Τ
	DotNetFX	2/6/2012 10:35 AM	File folder			
Cibraries	E FX-SP	2/6/2012 10:35 AM	File folder			
	vcredist x86	2/6/2012 10:35 AM	File folder			
👰 Computer	🖏 setup.exe	1/31/2012 7:17 PM	Application		476 K	В
Network	j5/ YSASSD_Package.msi	1/31/2012 7:18 PM	Windows Installer		8,327 Ki	В

Note Do not click any other files.

3 The peripheral software for SMARTASSIST-Direct is installed. ^{Note)} When the screen below is displayed, check "I accept" and then click "Install (<u>1</u>)".

	SMARTASSIST-Direct Setup
nd-User License Agreement	The following components will be installed on your machine:
ICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS ICROSOFT .NET FRAMEWORK 2.0	Visual C++ Runtime Library (x86)
icrosoft Corporation (or based on where you live, one of its affiliates) licenses this pplement to you. If you are licensed to use Microsoft Windows operating system fitware (the "Software"), you may use this supplement. You may not use it you do bt have a license for the software. You may use a copy of this supplement with each alidly licensed copy of the software.	Do you wish to install these components?
Print	If you choose Cancel, setup will exit.
clicking "I accept the terms of the License Agreement" and proceeding to use the oduct, I indicate that I have read, understood, and agreed to the terms of the End-Us cense Agreement.	install <u>Cancel</u>

- If this type of software is already installed on your PC, the screen may not be displayed.
 - If you are re-installing SMARTASSIST-Direct, the screen is not displayed.

3. Installing the Software

4 Two pieces of peripheral software are installed. ^{Note)}

Hicrosoft .NET Framework 2.0 Setup	
Installing components	
The items you selected are being installed.	
Installation Progress:	
Writing system registry values	
Key: \Software\Classes\System.Runtime.Serialization.Surrog System.Runtime.Serialization.SurrogateSelector	ateSelector, Name: , Value:
Ch	anges automatically
SMARTASSIST-Direct Setup	×
Installing Visual C++ Runtime Library (x86)	

Note If this type of software is already installed on your PC, the screen may not be displayed.

5 The installation setup wizard starts.

Click "Next (N)".

SMARTASSIST-Direct		
Welcome to the SMA Wizard	ARTASSIST-Direct Set	up 😥
The installer will guide you through computer.	the steps required to install SMARTAS	SSIST-Direct on your
WARNING: This computer program Unauthorized duplication or distribution or criminal penalties, and will be privated by the private of the pri	m is protected by copyright law and inte ution of this program, or any portion of i osecuted to the maximum extent possit	ernational treaties. t, may result in severe civil ble under the law.
or criminal penalties, and will be pro	osecuted to the maximum extent possit	ble under the law.

6 The warning screen for the Internet connection appears.

Click "Next (\underline{N}) " when your PC is able to connect to the Internet.

Co	nfirmation of the Inter	met connection env	ironment.
lt is and cor	necessary to connect v to make it to the enviro nected, please.	with the center after it onment with which the	installs it, to initialize, Internet can be
Ло	eover, Please do not co	onnect the Interface-b	ox.

If the PC is not connected to the Internet, the initialization cannot be completed dur-Note ing installation. The installation finishes in default mode (P.16).

7 The license terms are displayed.

Confirm the content, click "Agree (<u>A</u>)" and then click "Next (<u>N</u>)".

SMARTASSIST-Direct	😸 SMARTASSIST-Direct 📃 🔲 🔤
License Agreement	License Agreement
Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next". Otherwise click "Cancel".	Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next", Otherwise click "Cancel".
Terms and Conditions Regarding Use of the SMARTASSIST-	Terms and Conditions Regarding Use of the SMARTASSIST-
These Terms and Conditions of Use of the SMARTASSIST- Direct Software ("SOFTWARE") and the "Contract for Update of SMARTASSIST-Direct Software", attached hereto and incorporated herein contemporaneously, apply to any installation or use the SOFTWARE.	These Terms and Conditions of Use of the SMARTASSIST- Direct Software ("SOFTWARE") and the "Contract for Update of SMARTASSIST-Direct Software", attached hereto and incorporated herein contemporaneously, apply to any installation or use the SOFTWARE.
By installing or using the SOF IWARE, you are agreeing IDo Not Agree	By installing or using the SOF IWARE, you are agreeing ↓ ○ I Do Not Agree ● I Agree
Cancel Cancel Next >	Cancel Next >



Note If you do not click "Agree (<u>A</u>)", the software will not install.

3. Installing the Software

8 Enter the install key that was written in the box "Serial Number" on the utilization notice. Then click "Next (<u>N</u>)".

スマートアシストダイレクト利用通知書	岁 SMARTASSIST-Direct	
edito 0 00 00 000 000 000 0000000000000000	Customer Information	
	Enter your name and company or organization in th for subsequent installations. N <u>a</u> me:	ie box below. The installer will use this information
	Organization:	These fields can be left blank.
	Enter your serial number below. The installer will us Serial number:	e this information for subsequent installations.
		ncel (



9 If you enter the wrong serial number, the following warning dialog box appears. Enter the correct serial number and click "OK".

SetupPassCheck			
The inputted serial number is inacc again.	urate. Please input	Clicking CANCEL aborts the install	ation.
Serial number:	Enter again	漫SMARTASSIST-Direct	$\overline{\mathbf{X}}$
		There is a problem with this Windows Installer package. A program run setup did not finish as expected. Contact your support personnel or pac	as part of the :kage vendor.
ок		→	
		ОК	

10 The preparation for the installation is complete.

Click "Next (N)".



11 The installation starts.



3. Installing the Software

12 After the installation is completed, click "Close (\underline{C})".

The estimated installation time is 5 to 20 minutes, depending on the performance of your PC.

岗 SMARTASSIST-Direct		
Installation Complete		
SMARTASSIST-Direct has been successfully in Click "Close" to exit.	nstalled.	
Please use Windows Update to check for any	critical updates to the .NET Cancel	Framework.

13 The login screen for SMARTASSIST-Direct appears.

Enter the user ID and password, and click the "Start" button.

🗊 SMARTASSIST Login 🛛 🔯	
Serial No 0000000	
USER ID	Enter
PASSWORD	
-> Start Cancel	

- The user ID and password are the same as those for the YANMAR D SITE (YDS). (They are case-sensitive.)
 - In case you forgot your YDS user ID or password, please contact the YANMAR representative who assigned your YDS ID. The publisher of this manual (YANMAR Business System Dept., ICT Dept.) cannot offer support.

14 The initial settings and user settings are completed, and the utilization period is displayed.





Remark After login, you can check the utilization period by selecting "Main Menu" and "Device Information".

15 At the same time, data that is necessary for error diagnosis is updated.

SMARTASSIST-Direct Update	
SMARTASSIST of data up	pdating.
Download Time.	00:00:01
C	ancel

Remark

This data is updated at every login.

Even when the operation is canceled, the data can be updated at the next login.

16 Depending on the time of installation, the software may automatically update to a newer version.

In that case, the login screen displays again after the update is completed.

🛤 C:¥Documents and Settin	es¥All Users¥Applic	ation Data¥YSAS	SDIRECTYSER	VIC E¥ Upda 🗕 🗖 🗙
C:¥Documents and Setting C:¥Documents and Setting T.zip	s¥All Users¥App s¥All Users¥App	lication Data¥ lication Data¥	YSASSDIRECT YSASSDIRECT¥	Temp¥YSASSDIREC
	Ex	ample screen	for automat	ic version update
	🎁 SMARTASSIST Login		23	
	Serial No USER ID PASSWORD	0000000		
	Sta	rt Cancel		

- **Remark** If a newer version of the software is released after downloading the installer and before actually installing the software, the software is automatically updated to the newest version during installation.
- **17** After successful login to SMARTASSIST-Direct, the "Start Menu" is displayed. Under Windows 7, the installation finishes here.



[For operating systems other than Windows 7]

1- Exit the software.



2- Click "FX-SP" in the installer folder.



Remark Install this add-on software to improve the communication functions of the operation system.

It is included in Windows 7. (The software is a product of Microsoft.)

3. Installing the Software

3- Click "NetFx20SP2_x86.exe" and click "Run".



4- The installation starts.



Note If this software is already installed, the below message is displayed. Click "OK". The installation is complete.



18 After installation, a SMARTASSIST-Direct shortcut icon is created on the desktop. Double-click this shortcut icon to use the software.



19 If you enter your user ID and password incorrectly on the login screen, the following warning dialog box appears.



Note For details regarding YDS, refer to P.18.

20 If you installed the software without an active Internet connection, the initialization (user verification) could not be completed by communicating with the center (SMARTASSIST-Core). A warning dialog box appears.



Note SMARTASSIST-Direct starts in the default mode (P.16).

21 The initialization (user verification) is performed for each user.

After the installation is completed, each user should log into SMARTASSIST-Direct with an active Internet connection. (The initialization is performed automatically.)



4. Default Mode

Only registered users can use the SMARTASSIST-Direct system.

To use the functions of SMARTASSIST-Direct, a utilization limitation release key is obtained from the center.

The utilization limitation is the default mode.



In the default mode, only the automatic communication function ^{Note)} to the center is enabled. After login, the "Start Menu" appears, but you cannot select the product category.





4. Default Mode

You can release the default mode very easily.

Exit and re-start the software with an active Internet connection. It automatically connects to the center to obtain the utilization limitation release key.



• The software automatically communicates with the center prior to displaying the "Login" screen.

• If you activate the Internet connection after the login screen appears, it does not connect to the center.

Security check

To manage its users, distribute the latest software and manage the ECU maintenance information correctly, SMARTASSIST-Direct has a 3-month security check period.



Note If you do not use SMARTASSIST-Direct with an active Internet connection for an extended period of time, the security check period expires and the system operates in default mode.

No release of the default mode

In the following cases, you cannot release the default mode even when communicating with the center.

- The contract period for SMARTASSIST-Direct is expired.
- Information about the utilization (extension) application is not registered at the center.
- The utilization registration is deleted or canceled.
- The PC clock is set back excessively (more than 24 hours).

5. YDS User ID and Password

1 SMARTASSIST-Direct uses the same user ID and password as the YDS system, but has different characteristics.

YDS will regularly ask you to change your password



2 After changing the YDS password^{Note)}, <u>if you do not log in with an active Internet connection</u>, your PC cannot communicate with the center and apply the new password, so the shared password will differ. In that case, it is necessary to log into SMARTASSIST-Direct with the old password.





The same applies for a password change for the "My Portal" system.

5. YDS User ID and Password

3 The YDS password change^{Note)} is applied to the SMARTASSIST-Direct center within approximately 1 minute. After the change, start SMARTASSIST-Direct and log into the system. The password change is applied to your PC.

(This method requires some extra effort, but it is the most reliable method.)



Note The same applies for a password change for the "My Portal" system.

Default

6. Security Check

A grace period of 7 days applies to users who have not used SMARTASSIST-Direct for a long period of time in disregard of the security check period.

- X: Warning period before security check/usage limit expires (30 days)
- Y: Grace period after security check/usage limit expired (7 days)
- Z: Period between security checks/usage limit (90 days)



License Period Management Schema

- **Remark** The security check is performed for each PC.
 - If one PC is used by multiple users and one user connects the PC to the center, the last connection date is updated.

Not all users need to connect to the center



7. USB Driver of the Interface Box

When you plug the powered interface box ^{Note)} into the USB port of your PC, the driver set-up wizard starts automatically.

- Note
 - The interface box is supplied with power (for example, connected to the product with the key switch turned on).
 - The PC does not supply power to the interface box.

Depending on the version of Windows, the setup wizard may not start and the driver may be installed automatically. (The example screen is for Windows 7.)

Installing device driver software * * Click here for status.			
V	No 🕼 🕯		2:45 PM 2/19/2011
USB Driver for PC Diagnosis System * × Device driver software installed successfully.			
· · b	18 🛱 🕯	2 🕼 12	2:40 PM /19/2011

Depending on the specifications and settings of your PC, the USB driver may not install automatically. In such a case, manually install the driver from the PC start menu.

Calculator Calculator Sticky Notes Snipping Tool XPS Viewer Windows Fax and Scan	XPS Viewer Accessories Games Maintapance SMARTASSIST	 Windows opdate XPS Viewer Accessories Games Maintenance SMARTASSIST Driver Install SMARTASSIST-Direct Uninstall SMARTASSIST-Direct Startup
All Programs All Search programs and files	Back Search programs and files	Back Search programs and files

Warning Dialog Box during Driver Installation

The following warning dialog box may appear during installation, but click "Continue (\underline{C})".

Harc	dware Installation
4	 The software you are installing for this hardware: USB Driver for PC Diagnosis System has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Stop Installation

- This warning appears because the driver is not certified by Microsoft. The manufacturer of the interface box has confirmed that it does not affect the machine or other systems.
- Whether a warning appears depends on the operating system.

Windows 7, XP, Vista : Warning may appear*

Windows 2000 : Warning does not appear

* This depends on the Windows settings.

YANMAR CO.,LTD.

Head office

Umeda Gate Tower 1-9 Tsurunocho, kita-ku, Osaka, Japan Phone: 81-6-6376-6237

Agricultural Machinery & Equipment Division

Quality Assurance Dept. Umeda Gate Tower 1-9 Tsurunocho, kita-ku, Osaka, Japan Phone: 81-6-6376-6347

Power System Operations Division

Quality Assurance Dept.

1009-2, Kawamichi-cho, Nagahama-city, Shiga, 526-0111, Japan Phone: 81-749-72-5195

Marine Operations Division

Quality Assurance Dept. 3-1, 5-Chome, Tsukaguchi-honmachi, Amagasaki, Hyogo, 661-0001, Japan Phone: 81-6-6428-3137

Yanmar Construction Equipment Co., Ltd.

Service Information Section

1717-1, Kumano, Chikugo-shi, Fukuoka, 833-0055, Japan Phone: 81-942-53-8427

Installation Manual

SMARTASSIST-Direct

Jan 2012: 1st edition

Issued by : YANMAR CO.,LTD. Business System Dept. ICT Dept. Edited by : YANMAR TECHNICAL SERVICE CO.,LTD.

SMARTASSIST-Direct



YANMAR



http://www.yanmar.co.jp

0AYSA-G00200