

◎ List of available software

Product Name	Model No.	Product Name	Model No.	Product Name	Model No.
GP-Pro EX Ver.2.2	EX-ED-V22	Pro-Server EX Ver.1.2 Runtime License	EX-SRT-LICENSE	Ladder Monitor License	EX-LADM-MIT-Q02
GP-Pro EX Editor License	EX-ED-LICENSE-V22	MES Action License	EX-MES-LICENSE-V10	Movie Converter License	EX-MOVCON-LICENSE
Pro-Server EX Ver.1.2 Developer	EX-SDV-V12	GP-Viewer EX	EX-VIEWER-LICENSE	WinGP for IPC	EX-WINGP-IPC
Pro-Server EX Ver.1.2 Developer License	EX-SED-LICENSE	RPA Client License	EX-RPA	WinGP for PC/AT	EX-WINGP-PCAT

◎ GP-Pro EX Ver.2.2 (EX-ED-V22)

OS	Windows® 2000 (Service Pack 3 or later), Windows® XP (Home Edition, Professional), Windows Vista® (Ultimate, Home Premium, Home Basic, Business) ※For the installation of this product, administrator rights are required.
CPU	Pentium® III 800MHz or greater (Pentium® 4 1.3GHz or greater recommended)
Resolution	SVGA 800×600 or better (256 colors or greater required)
Memory	512M or greater (1GB or greater recommended)
Hard Disk Space	400MB or greater ※Free space necessary for installation
Language	Software Menu English/Japanese (Other languages are scheduled to be supported. For more details, visit the "OtasukePro!" website.)
	Languages that Hardware can Display English/Japanese/Korean/Chinese (simplified/traditional)/Taiwanese/Cyrillic/Thai ※For languages other than English/Japanese, FEPs and fonts for these languages should be added.
FEP for Languages	Those supported by OS described above.
Other	.NET Framework Ver. 2.0 ※On a PC without .NET Framework Ver. 2.0, this product is automatically installed.
	Microsoft® Internet Explorer Ver. 6.0 or later
	Adobe Reader® Ver. 6.0.2 or later
	Mouse (absolutely necessary), CD-ROM drive (necessary only for software installation) and printer (supported by the OS above) An environment where you are connected to the Internet ※Only necessary for online user registration and online update service

※Please address inquiries about the site license to a sales representative.
※A USB port or Ethernet port is required to transfer screens on a PC.

◎ Transfer Tool

OS	Windows® 98 (Second Edition or later), Windows® Me, Windows® 2000 (Service Pack 3 or later), Windows® XP (Home Edition, Professional), Windows Vista® (Ultimate, Home Premium, Home Basic, Business) ※For the installation of this product, administrator rights are required.
CPU	Pentium® II 266MHz or greater recommended
Memory	128MB or greater (512MB or greater recommended)
Hard Disk Space	60MB or greater ※Free space necessary for installation
Other	Mouse (absolutely necessary), CD-ROM drive (necessary only for software installation) and printer (supported by the OS above)

※A USB port or Ethernet port is required to transfer screens on a PC.

◎ Pass-Through

OS	Windows® 2000 Professional (Service Pack 4 or later), Windows® XP (Service Pack 2 or later)
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◎ Web Server

OS	Windows® 2000 (Service Pack 3 or later), Windows® XP (Service Pack 2), Windows Vista® (Ultimate, Home Premium, Home Basic, Business, Enterprise), Windows® Server 2003 (Service Pack 2)
Supported Browser	Microsoft® Internet Explorer Ver.6.0 or 7.0
Screen Resolution	XGA 1024×768 or greater

◎ GP Remote Printer Server

OS	Windows® 2000 (Service Pack 3 or later), Windows® XP (Professional), Windows® Server 2003
Hard Disk Space	800KB or greater ※Free space necessary for installation
FTP Server	FTP server component included in IIS ※IIS versions: Windows® 2000:IIS5.0, Windows® XP:IIS5.1, Windows® Server 2003:IIS6.0
Other	.NET Framework Ver.1.1 (Service Pack 1)

◎ Pro-Server EX Ver.1.2 (EX-SDV-V12)

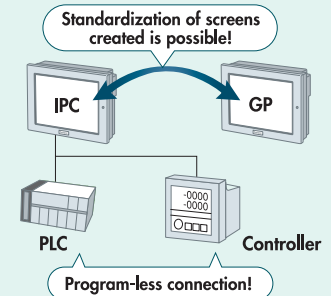
OS	Windows® 2000 (Service Pack 3 or later), Windows® XP (Home Edition, Professional), Windows® Server 2003 ※For the installation of this product, administrator rights are required.
CPU	Pentium® III 500MHz or greater (Pentium® III 800MHz or greater recommended)
Resolution	SVGA 800×600 or greater (256 colors or greater required), only 96dpi font
Memory	128MB or greater (256MB or greater recommended)
Hard Disk Space	1GB or greater (2GB or greater recommended) ※Free space necessary for installation
Language Software Menu	English/Japanese
FEP for Languages	Those supported by OS described above.
Other Software	Microsoft® Excel 2000 or later (for setting the action function)
	Microsoft® Access 2000 or later (for setting the action function)
	Microsoft® Internet Explorer Ver.5.0 or later (for setting the action function)
	.NET Framework Ver.1.1 (Service Pack 1)
Printer	Any printer if it is supported by the OS
Network Adapter	10BASE-T, 100BASE-TX
Network Configuration	TCP/IP protocol (Configure from "Control Panel" in Windows®.)

◎ GP-Viewer EX (EX-VIEWER-LICENSE)

OS	Windows® 2000 (Service Pack 3以上), Windows® XP (Service Pack 2), Windows Vista® (Ultimate, Home Premium, Home Basic, Business, Enterprise), Windows® Server 2003 (Service Pack 2)
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IPC runtime engine WinGP

Runtime makes it possible to use GP-Pro EX screen data even with PL/PS 3000 series computers for industry use. Unification with software platform has become possible. Work involved in development is reduced thanks to the connection driver, which comes equipped standard.



◎ WinGP for IPC (EX-WINGP-IPC)

OS	Windows® 2000 Professional (Service Pack 3 or later), Windows® XP Professional, Windows® XP Embedded
Memory	256MB or greater (512MB or greater recommended)

◎ WinGP for PC/AT (EX-WINGP-PCAT)

OS	Windows® 2000 (Service Pack 3 or later), Windows® XP (Home Edition, Professional), Windows Vista® (Ultimate, Home Premium, Home Basic, Business, Enterprise) 32bit
CPU	Pentium® M 1GHz or greater recommended
Display Resolution	SVGA 800×600 or better
Memory	512MB or greater (1GB or greater recommended)
Hard Disk Space	200MB or greater

◎ RPA (Remote PC Access) (EX-RPA)

OS	Visit http://ultravnc.sourceforge.net/
Other	GP-Pro EX (Ver. 2.0 or later), RPA Keycode (EX-RPA (Sold separately)), Ultra VNC Ver. 1.0.2 should be installed on the PCs on the server, LAN cable, HUB (Commercially available). ※Connect one server to one GP.

◎ Movie Converter (EX-MOVCON-LICENSE)

OS	Windows® 2000 (Service Pack 4 or later), Windows® XP (Home Edition, Professional (Service Pack 2 or later))
CPU	Pentium® III 1.3GHz or greater recommended
Memory	256MB or greater (512MB or greater recommended)
Hard Disk Space	60MB or greater ※Free space necessary for installation
Other	Mouse (absolutely necessary), CD-ROM drive (necessary only for software installation), Windows® Media Player 9.0, Direct X9.0c

Movie files that can be converted with the movie converter are different depending on the PCs used for conversion. Some codecs are equipped as standard in video/audio players such as Windows® Media Player. When installing the movie converter in an environment just after purchasing a PC, you can convert movie files described above to SDX. For movie files that cannot be converted to SDX, you may be able to convert these files by installing their codecs separately (*).

File format (Extension)	Video codec	Audio codec
AVI	Uncompressed (RGB)	Uncompressed (PCM)
AVI	DV-1	DV Audio
WMV	WMV9	WMA9
MPG	MPEG-1	MPEG-1 Layer-2

*In order to convert movie files, first, you need to install the codec of the movie file to be converted on a PC for conversion. We have confirmed the conversion of the following movie files to SDX on a PC with Ulead Video Studio 9 installed.

File format (Extension)	Video codec	Audio codec
AVI	DV-2	DV Audio
MPG	MPEG-2	MPEG-1 Layer-2
ASF	SD-Video (MPEG-4)	G.726

Ulead Video Studio 9 (<http://www.ulead.co.jp/product/videostudio9/>)

*For installation and use, a license is required. Purchase the license separately.

◎ Ladder Monitor (EX-LADM-MIT-Q02)

Supported PLC	Mitsubishi Electric Corporation Q series (CPU Direct / Ethernet)
Other	CF card with 100MB or greater free space

Note) The environment recommended by the OS used, or a superior environment, is required for CPU/memory.