



VPSS 4ie Parameter Explorer

V3.03.04
Release Note

25 OCT 2025
AMADA CO., LTD.



- Basic Operation Environment
- Released Function List
- Precautions and Limitations on use

Basic Operation Environment



■ Recommended Hardware

Processor (CPU)	Intel Core i5 or higher
Memory	x64 (Did not bundle with AP100 / PCL server) : More than 4GB x64 (Bundled with AP100 / PCL Server) : More than 8GB (Win10/11) More than 16GB (Win2016/2019/2022/2025)
Hard Disk	System area - More than 30GB, Data area - More than 100 GB

■ Basic Software

OS	Type	32 bit	64 bit
	Windows 10 Pro/Enterprise	N/A	OK
	Windows 11 Pro/Enterprise	N/A	OK
	Windows Server 2016 Standard	N/A	OK
	Windows Server 2019 Standard/Essentials	N/A	OK
	Windows Server 2022 Standard/Essentials	N/A	OK
	Windows Server 2025 Standard/Essentials	N/A	OK
.NET Framework	3.5, 4.6.2		

■ Operation Mode

Server Supported	vSDD, SDDJ
Supported Language	English, Japanese, German, French, Italian, Spanish, Portuguese, Polish, Russian, Hungarian, Chinese (Simplified), Chinese (Traditional), Korean, Thai, Vietnamese, Indonesian
System Unit	Metric, inch
Decimal, Comma Environment	Supported
AP100 System [SDD Support]	Possible; AP100 Client, Server, PCL Client – V6.00.00 or later

■ SQL Server

OS	DB Engine
Windows Server 2025 Standard	SQL Server 2022 (Standard Edition) 64bit
Windows Server 2022 Standard	SQL Server 2019 (Standard Edition) 64bit
Windows Server 2019 Standard	SQL Server 2016 SP3 (Standard Edition) 64bit
	SQL Server 2019 (Standard Edition) 64bit
Windows Server 2016 Standard	SQL Server 2016 SP3 (Standard Edition) 64bit
Windows 10 Pro/Enterprise (64bit)	SQL Server 2014 SP3 (Express Edition) 64bit
	SQL Server 2019 (Express Edition) 64bit
Windows 11 Pro/Enterprise	SQL Server 2019 (Express Edition) 64bit

Basic Operation Environment



(Reference) SQL Server list used by each software

	AP100/PCL		VPSS 4ie	
	V5.XX	V6.00~V7.00	V3.02	V3.03
Windows Server 2025 Standard	Not Supported	Not Supported	Not Supported	SQL Server 2022 (Standard Edition)
Windows Server 2022 Standard	Not Supported	V7.00.03 : SQL Server 2019 (Standard Edition)	SQL Server 2019 (Standard Edition)	SQL Server 2019 (Standard Edition)
Windows Server 2019 Standard	Not Supported	V6.00 : Not Supported V7.00.00 : SQL Server 2016 SP3 (Standard Edition) V7.00.02 : SQL Server 2019 (Standard Edition)	SQL Server 2016 SP3 (Standard Edition) SQL Server 2019 (Standard Edition)	SQL Server 2016 SP3 (Standard Edition) SQL Server 2019 (Standard Edition)
Windows Server 2016 Standard	Not Supported	V6.00 : Not Supported V7.00.00 : SQL Server 2016 SP3 (Standard Edition)	SQL Server 2016 SP3 (Standard Edition)	SQL Server 2016 SP3 (Standard Edition)
Windows 10 (64bit)	Not Supported	V6.00 : SQL Server 2014 SP1 (Express Edition) V7.00.00 : SQL Server 2014 SP2(Express Edition) V7.00.02 : SQL Server 2019 (Express Edition)	SQL Server 2014 SP3 (Express Edition) SQL Server 2019 (Express Edition)	SQL Server 2014 SP3 (Express Edition) SQL Server 2019 (Express Edition)
Windows 11 (64bit)	Not Supported	V7.00.03 : SQL Server 2019 (Express Edition)	SQL Server 2019 (Express Edition)	SQL Server 2019 (Express Edition)

- SQL Server can be bundled with different service packs.
Install the version appropriate for the software to be used.
Install SQL Server with the same language setting of VPSS 4ie.

Released Function List (1/1)

PD: Production Designer
PX: Parameter Explorer
DX: Data Explorer



#	Classification	Category	Function Name	Summary
1	Improve	WELD	Robot CAD change support	The ENSIS and ENSISe robot CAD models have been corrected.

#1 Robot CAD change support



Background	The CAD model of the ENSIS and ENSISe robots differs from the actual shape, so interference may occur in the actual machine even though it does not occur in the CAM.
Outline	The ENSIS and ENSISe robot CAD models have been corrected.

Support Details

Supported models: FLW-ENSIS, FLW-ENSISe

Modifications

- (1) Cable support bracket
- (2) Protrusion
- (3) Filler support(For Filler Real)

[Adding a new machine]
A machine will be created using the modified CAD model.

[Support for already created machines]
Select the target machine and click the [Update CAD] button.
[Welding Machine]>[Applicable machine]>
[Machine Information]>[Machine Setting]

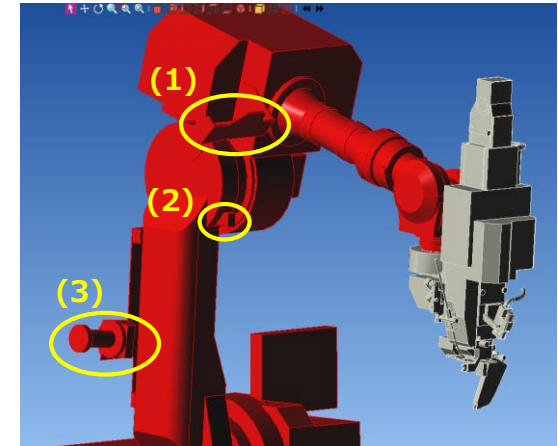
Machine Setting	
Robot	YASKAWA GA50
Machine Name	GA50-M3T
Model	M3T
Head	Standard Weld Head
Table	<input checked="" type="checkbox"/>

Update CAD

Add

*After updating the CAD model, the button will become inactive.

Robot using the modified CAD model



Robot using the modified CAD model





Precautions and Limitations on use (1/2)

PD: Production Designer

PX: Parameter Explorer

DX: Data Explorer



#	Category	Content	Planned date
1	Install/ Upgrade	Client / Server Must be the same versions.	-
2	Upgrade Operation	<p>Server & Client Condition: It is the precaution of the client side in case of upgrading VPSS 3i Client first and then Server later. (Case #2 below)</p> <p>Precaution for Client side: There are some cases to work incorrectly when the user is running VPSS 3i applications in client side before completing Server-upgrade-installation. Thus, after completing Server-upgrade-installation, run Material Explorer and <u>click the “Reload” button in it.</u> VPSS 3i applications are able to work correctly with this operation.</p> <div><p>< Upgrade the version></p><div><p>Case #1 (Recommended)</p><div><div>Server</div><div>Client</div></div><div><p>① Upgrade it to the new version.</p><p>② Upgrade it to the new version. (After completing ①, Start to ②)</p></div></div><div><p>Case #2 (All cases except #1)</p><div><div>Server</div><div>Client</div></div><div><p>② Upgrade it to the new version.</p><p>① Upgrade it to the new version</p></div></div></div> <td>Under consideration to check the version or show message in V3.04.00.</td>	Under consideration to check the version or show message in V3.04.00.

Precautions and Limitations on use (2/2)

PD: Production Designer

PX: Parameter Explorer

DX: Data Explorer



#	Category	Content	Planned date
3	Length of sheet code	In order to keep the interoperability with blanking machines, the length of sheet code is less than or equal to 30 characters.	This is current spec. No plan to be fixed