

Open HMI Solution



WebAccess/HMI

One Efficient and Integrated Solution
Ready for Various HMI Applications.

ADVANTECH

Enabling an Intelligent Planet

Vertrieb durch

AMC

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WebAccess+
Alliance



Open HMI Solution provides efficient, integrated solutions to support various demanding tasks



Efficient

The perfect HMI solution combines a ready-to-go platform with powerful software to bring customers great cost efficiency and time saving.



Robust

Over 30 years' experience in innovation, and many extensive testing certificates for industrial environments, gives our customers the best quality and reliability.



Integrated

We've greatly shortened engineering time by integrating HMI runtime and designer software by featuring the much heralded iDoor technology to easily communicate with industrial machine equipment and IT management through RS232/422/485, Wi-Fi and 3G.



Connected

Advantech's HMI technology has another role in industrial 4.0, as it supports IoT data transfer between units and the management system by providing over 450 PLC and controller communication drivers.



One Generic Application Solution for all the sector and equipment industry applications

Applications

- Automotive
- Energy
- Food and Beverage
- Logistics
- Metal
- Machine and Plant Eng.
- Plastic and Rubber
- Paper
- Printing
- Trade and Service Sector
- Water Treatment

WebAccess/HMI - Runtime Software
Pre-installed and tested on platforms

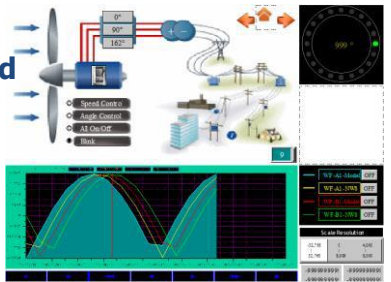
WebAccess/HMI - Designer Software
Free Designer software on laptop

WebAccess/HMI Runtime Software covers the whole range of HMI control and visualization in machine industries, its high customization, user-friendly interface and wide support that provide a more efficient solution for optimized project time and effective cost control.

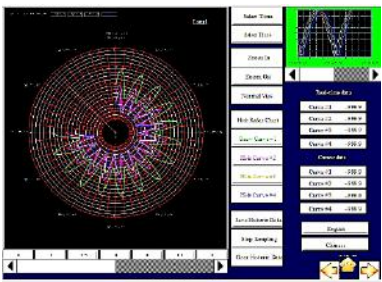
Plastic and Rubber Production



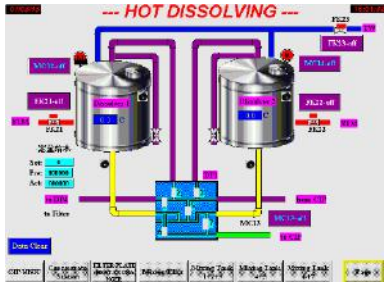
Energy Generation and Management











Automotive Assembly and Accessory






Food and Beverages Production



Series	Touch Panel HMI - Standard					
Ordering P/N	 WA-HT651T-E15H1AE	 WA-HT1051W-E15H1AE	 WA-HT1251T-E15H1AE	 WA-HT1551T-E15H1AE	 WA-HT1751T-E15H1AE	 WA-HT2140W-G15H1AE
Thin Client Terminal	TPC-651T-6E3AE	TPC-1051WP-E3AE	TPC-1251T-E3AE	TPC-1551T-E3AE	TPC-1751T-E3AE	TPC-2140WP-T3AE
Operating System	Microsoft Windows Embedded 7 Pro (64bit)					
HMI Software	WebAccess/HMI Runtime 1500 tags					
CPU	Intel Atom E3827 1.75GHz					AMD G-series T56E 1.65GHz
Memory	4GB DDR3L					
Aspect ratio	4 : 3	16 : 9	4 : 3	4 : 3	4 : 3	16 : 9
Display (Size, Type)	6.5" VGA TFT LED LCD	10.1" WXGA TFT LED LCD	12.1" XGA TFT LED LCD	15" XGA TFT LED LCD	17" SXGA TFT LED LCD	21.5" Full HD TFT LED LCD
Display Size	6.5"	10.1"	12.1"	15"	17"	21.5"
Max. Resolution / Colors	640 x 480 / 262k	1280 x 800 / 262k	1024 x 768 / 16.2 M	1024 x 768 / 16.7M	1280 x 1024 / 16.7M	1920 x 1080 / 16.7M
Backlight MTBF(hrs)	50,000 hrs	25,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
Touchscreen	5-wire Resistive	Projected capacitive	5-wire Resistive	5-wire Resistive	5-wire Resistive	Projected capacitive
Storage	32G CFast card x 1					32G CFast card x 1
Expansion Slots	Full-size Mini PCIe x 1					Full-size Mini PCIe x 1
Mounting	Desktop, Wall or Panel mount					Panel mount
Network(LAN)	10/100/1000 Base-T x 2					10/100/1000 Base-T x 2
I/O	RS-232 x 1 RS-232/422/485 x 1 USB 3.0 x 1 USB 2.0 x 1					RS-232 x 3 RS-422/485 x 1 USB 2.0 x 2 HDMI x 1 Mic in x 1 Line out x 1
iDoor Expansion	iDoor x 1 *(TPC-1251T-EHKE is required)					N/A
DC Power Input (Voltage)	24 VDC ± 20%					18 ~ 32 VDC
Power Consumption	19.2 W	36 W	45.6 W	40.8 W	43.2 W	35 W
Ingress Protection	Front Panel IP66					
Operating Temperature	-20 ~ 60°C	-20 ~ 55°C	-20 ~ 60°C	-20 ~ 60°C	-20 ~ 60°C	0 ~ 55°C
Storage Temperature	-30 ~ 70°C	-30 ~ 70°C	-30 ~ 70°C	-30 ~ 70°C	-30 ~ 70°C	-20 ~ 60°C
Certification	BSMI, CCC, CE, FCC, UL					

Series	Touch Panel HMI - Lite	
Ordering P/N	 WA-HT3070T-R15H0AE	 WA-HT3100T-R15H0AE
Thin Client Terminal	WOP-3070T-C4AE	WOP-3100T-C4AE
Operating System	Microsoft WinCE 6.0	Microsoft WinCE 6.0
HMI Software	WebAccess/HMI Runtime 1500 tags	
CPU	RISC 32 bits, 600 MHz (ARM® Cortex™-A8)	
Memory	256MB DDR2	
Aspect ratio	16 : 9	
Display (Size, Type)	7" WVGA TFT LCD	10.1" WVGA TFT LCD
Max. Resolution / Colors	800 x 480 / 64k	1024 x 600 / 64k
Backlight MTBF(hrs)	50,000 hrs	
Touchscreen	5-wire Resistive	
Storage	512M micro SD on board SLC type	
Expansion Slots	micro SD x1	
Mounting	Panel mount	
Network(LAN)	10/100 Base-T x 1	
I/O	RS-232/422/485 x 1 (DB9) RS-422/485 x 1 (4 pin) RS-485 x 1 (2 pin) CANbus x 1 (2 pin) USB 2.0 x 1(Client x1, Host x1) Line out x 1, Mic in x 1	
iDoor Expansion	N/A	
DC Power Input (Voltage)	24VDC ± 10%	
Power Consumption	7 W	9 W
Ingress Protection	Front Panel IP66	
Operating Temperature	-20 ~ 60°C	
Certification	CE, FCC, BSMI, CCC, UL	

Series	Visualized Box HMI & Communication Gateway series		
Bundle P/N	 WA-HU2272G-J15H2AE	 WA-HU2473G-J15H2AE	 WA-HU2483G-315H2AE
Embedded Automation PC	UNO-2272G-J2AE	UNO-2473G-J3AE	UNO-2483G-434AE
Operating System	Microsoft Windows Embedded 7 Pro (64bit)		
HMI Software	WebAccess/HMI Runtime 1500 tags		
Form Factor	Palm Size	Regular Size	Regular Size
CPU	Intel Celeron J1900 2GHz	Intel Celeron J1900 2.4GHz	Intel Core i3-4010U 1.7GHz
Memory	4G DDR3L SDRAM	4G DDR3L SDRAM	8G DDR3L SDRAM
Display Type	HDMI: 1920 x 1080 @60Hz	HDMI: 1920 x 1080 @60Hz VGA: 2560 x 1600 @60Hz	HDMI: 3200 x 2000 @60Hz VGA: 1920 x 1200 @60Hz
Storage	32GB mSATA x 1		
Expansion Slots	Mini PCIe x 2 SIM slot x 1	Mini PCIe x 1	Mini PCIe x 2
Mounting	Stand, Wall		
	Din-Rail, VESA (optional)		
Network(LAN)	10/100/1000 Base-T x 1	10/100/1000 Base-T x 2	10/100/1000 Base-T x 4
I/O Port	RS-232 x 1 (RS-422/485 by BIOS option) USB 2.0 x 2 USB 3.0 x 1	RS-232 x 2 RS-422/485 x 2 USB 2.0 x 4 USB 3.0 x 1	RS-232 x 2 RS-422/485 x 2 USB 2.0 x 2 USB 3.0 x 2
iDoor Expansion	iDoor x 1		
Audio	Line-out x 1	Line-in x 1, Line-out x 1	Line-in x 1, Line-out x 1
DC Power Input (Voltage)	24VDC ± 20%	10 ~ 36 VDC	24VDC ± 20%
Power Consumption	15W	24W	28 W
Operating Temperature	-10 ~ 55°C	-10 ~ 55°C	-20 ~ 60°C
Dimensions	157 x 88 x 50 mm	252 x 149 x 62 mm	252 x 149 x 62 mm
Certification	CE, FCC, UL, CCC, BSMI		

HMI Software – Designer & Runtime

Widely Support most of PLCs !

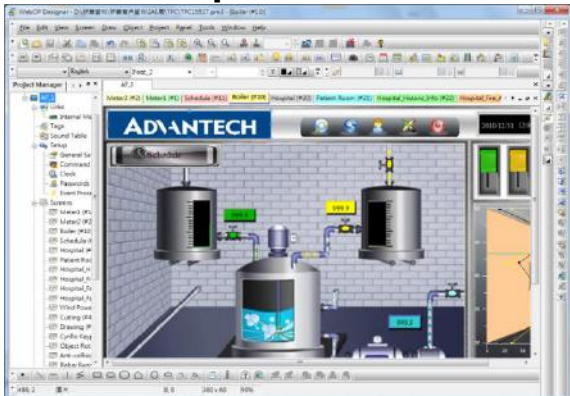
WebAccess/HMI - Designer Software
Free Designer software on laptop

WebAccess/HMI - Runtime Software
Pre-installed and tested on platforms

WebAccess/HMI Designer Software has proven easy-to-use in many application fields. Its integrated development tool features solution-oriented screen objects, high-end vector graphics, recipes, alarms, data loggers and operation logging.

Download link:
<http://www.Advantech.com/WebOP/downloadFile.aspx>

Development Interface



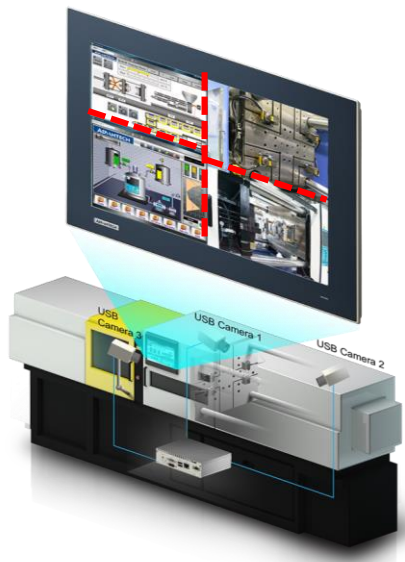
Supports Over 50 Types Of Application Objects

- Alarms
 - Recipes
 - Data Loggers
 - Operation Logging
 - Schedule
 - Multiple Languages
 - Bar Charts
 - Line Charts
 - Meters/ Pipelines
 - Industrial Pictures
 - USB Video View
 - Animated Graphics
 - Rotation Indicator
- <and more!>*

Animated Graphic / Line Chart



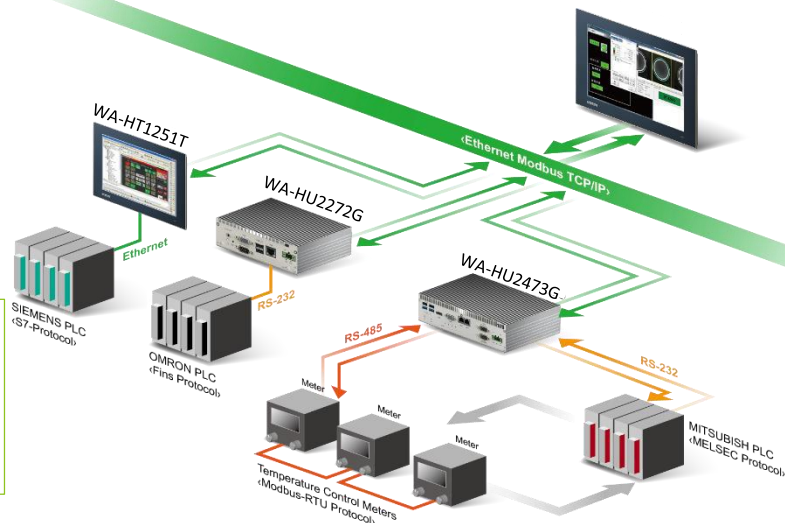
Video Viewing Using Microsoft® USB Cameras



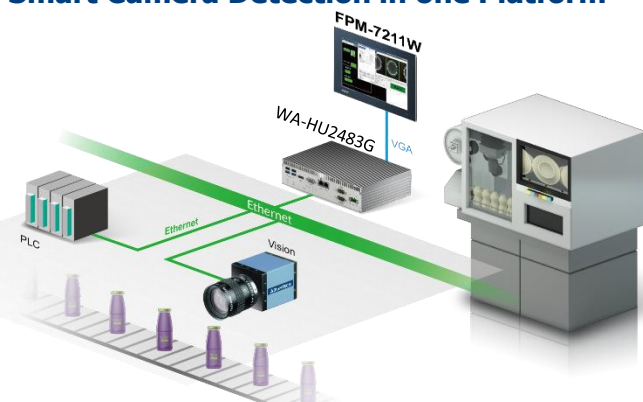
Get Ready for Industry 4.0 by Open HMI Solution

Protocol Conversion/ IoT Gateway Server

- Built-in powerful gateway function to easily build IoT applications by connecting multi-station controllers.
- Easily exchange data within controllers in multiple communication protocols.

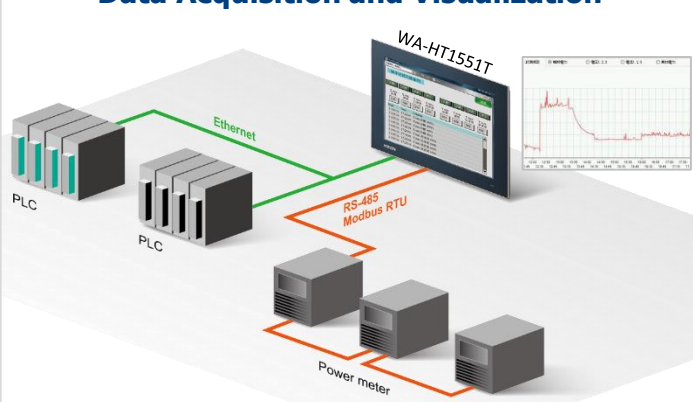


Integrate Visualize Control and Smart Camera Detection in one Platform



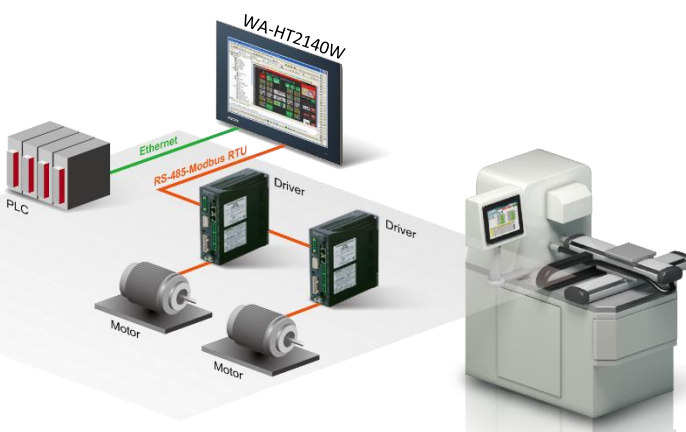
- Integrate smart cameras and HMI runtime on Modbus TCP/ IP communication.
- Optimize project time and cost control.

Power Management through Data Acquisition and Visualization



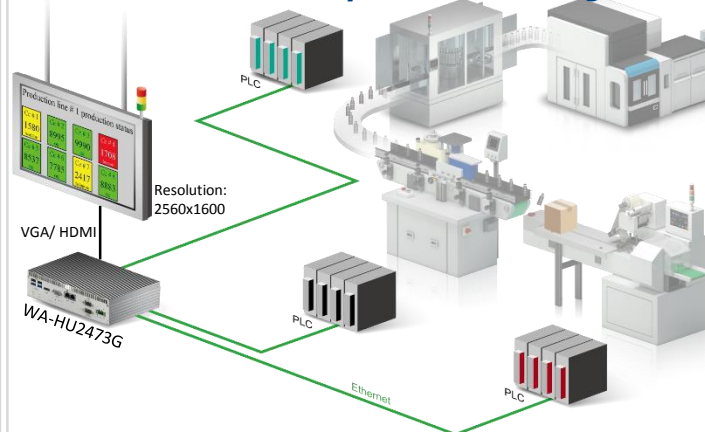
- Display historical trends through data acquisition from power meters.
- Export management data in a Microsoft Excel table.

HMI Control for Multi-motor Drivers























- Control multi-motor drivers by positioning and sequence control functions in RS-485 Modbus RTU.

KANBAN for Productivity and Alarm Management





















- Easy-to-link productivity and display information to the dashboard (KANBAN).










Industrial Application Objects Function Descriptions

Icon	Object Menu Item	Item Description	Content
	Bit Button		Touch a bit button to change the state of the specified bit.
	Toggle Switch		Touch a toggle switch to toggle the state of the specified bit.
	Screen Button		Touch a screen button to open or close a screen.
	Function Button		Touch a function button to perform the specified built-in function provided by the target panel.
	Slide Switch		Touch the knob of a slide switch and move the knob to select a desired value.
	More buttons	Word Button	Touch a word button to set a value to the specified variable.
		Multistate Switch	Use a multi-state switch to change the state of the specified variable.
		Radio Button	Press a button of a radio button group to change the state of the controlled variable.
		Keypad Button	A keypad button inputs a character to the keypad buffer or issues a command to the keypad buffer.
		Scroll Button Group	Use the buttons of a scroll button group to scroll the content displayed by the associated object.
		Scroll Bar	Use a scroll bar to scroll the content displayed by the associated object.
		Step Button	Press a step button to write the value of the button's next state to the specified variable.
		Page Selector	In a page selector, press a tab to view the associated page (window screen).
		Numeric Entry	
	Numeric Display		Use a numeric display to show the value of the specified variable.
	Advanced Numeric Display		Specify an arithmetic expression or a macro for the object to calculate the display value.
	Character Entry		Enter a string for a variable using a character entry.
	Character Display		Use a character display to display the string stored in a variable.
	Bit Lamp		Use a bit to control the appearance of a bit lamp.
	Multistate Lamp		Use a variable to control the appearance of a multi-state lamp.

Industrial Application Objects Function Descriptions

Icon	Object Menu Item	Item Description	Content
	Message Display		Use a variable to select and display a predefined message with a message display.
	Time/Date	Time Display	Use a time display to show the time of the panel.
		Date Display	Use a date display to show the date of the panel.
		Day-of-week Display	Use a day-of-week display to show the day-of-week of the panel.
	Dynamic Graphic	Dynamic Circle	Change the size, position, and/or color of a dynamic circle at runtime.
		Dynamic Rectangle	Change the size, position, and/or color of a dynamic rectangle at runtime.
		GIF Display	Use a GIF display to show a GIF image and control the animation of that image.
		Picture Display	Use a variable to select and display a predefined picture with a picture display.
		Animated Graphic	An animated graphic can change its image and move along a specified path automatically.
	Graph/Chart	Bar Graph	A bar graph shows the value of a monitored variable by displaying a bar with variable length.
		Line Chart	Displays a set of data by drawing a data point for each datum and drawing a line that connects all the data points in sequence.
		Circular Bar Graph	Shows the value of a monitored variable by displaying a circular bar with variable length.
		Scatter Chart	Displays a set of data by drawing a data point for each datum and drawing a line that connects all the data points in sequence.
	Historic Display	Historic Data Table	Use a historic data table to list the values of the data collected by a data logger.
		Historic Event Table	The predefined events of application, use a word in the controller or the target panel to store the number of the current event at runtime, and have a data logger in the target panel to collect the value of that word.
		Historic Trend Graph	Use a Historic Trend Graph to display the values of the data collected by a data logger as a trend graph.
		Single Record Line Chart	Use a single record line chart to display the values of the data collected by a data logger as a line chart.
		Operation Log Display	Display a list of operation logs by using an operation log display.

Industrial Application Objects Function Descriptions

Icon	Object Menu Item	Item Description	Content
	Meter		A meter shows the value of a monitored variable by rotating its needle to the appropriate place.
	Pipeline		A pipeline is composed of L/T/Cross connectors and pipes.
	Alarm Display		There are four types of alarm displays:Alarm History.Alarm Count.Active Alarm.Alarm Marquee
	Recipe Selector		A recipe selector can be configured to perform as one of the following types of controls:List. Drop-down List
	Recipe Table		There are three types of recipe tables:Horizontal View.Vertical View.Current Recipe
	Sublink Table		With the Sub-link table, the operator can enable or disable a sub-link at any time.
	Schedule Setting Table		Display a list of schedules by using the schedule setting table.
	Screen Window		Get ready to place a copy of the default screen window on a screen.
	Global Object Container		Get ready to place a copy of the default global object container on a screen.
	USB Camera View		Get ready to place a copy of the default USB camera view on a screen.

Visualized HMI Runtime Supported Driver List							
Brand	Model	Driver Support	Direct Link Type	Brand	Model	Driver Support	Direct Link Type
A&D Company Ltd.	AD-4401 Weighing Indicator	√	COM	CAPAC	TC	√	COM
				CHINO Corporation	DB1000 Digital Indicating Controller (ASCII)	√	COM
ABIDO utomation Co., Ltd.	ACR420 984 Device/Slave (RTU)	√	COM	CMZ Sistemi Elettronici	NF0 Controllers	√	COM
ADLEE POWERTRONIC CO., LTD.	MS/AP/AS Series Inverter (RTU)	√	COM		FCT Controllers	√	COM
	BL/D305 Series (RTU)	√	COM		SD Drivers	√	COM
Advantech	Null PLC	√	COM		SDS Drivers	√	COM
	ADAM (Modbus RTU)	√	COM		MDM Drivers	√	COM
	ADAM-4000 (ASCII)	√	COM		FCT Controllers(TCP/IP; Type 2)	√	Ethernet
	ADAM-6000 (ModBus TCP/IP)	√	Ethernet	Crouzet Ltd.	M3 SLIN/SLOUT Protocol	√	COM
AIGO Technologies Corporation	SE500 Series (Modbus RTU)	√	COM	CTB Technologies Corporation	IMS Servo Controller	-	COM
				Danfoss Group	VLT 2800 Series (FC Protocol)	√	COM
Allen Bradley	Micrologix 1000/1500	√	COM	DEIF A/S	Modbus RTU (COM port)	√	COM
	SLC 5/03, 5/04	√	COM		TCP/IP Modbus (Ethernet port)	√	Ethernet
	DH-485 (COM)	√	COM		WSS/WSS-L	√	COM
	PLC-5	√	COM	Delta Corporation	DVP-ES/SS/EP/EH	√	COM
	SLC 5/03, 5/04 (CRC)	√	COM		DVP-ES/SS/EP/EH (No block read)	√	COM
	CompactLogix/ControlLogix Tag	√	COM		DVP-SV(RTU)	√	COM
MicroLogix 1000/1500 via 1761-NET-ENI	√	Ethernet	VFD-M Inverter (ASCII)		√	COM	
MicroLogix	√	Ethernet	VFD-B Inverter (ASCII)		√	COM	
CompactLogix/ControlLogix Ethernet/IP Tag	√	Ethernet	DTC1000/2000 Temperature (ASCII)		√	COM	
ARICO Technology	FC Type(Modbus)	√	COM	DTA Temperature (ASCII)	√	COM	
Astraada HMI	ModBus Master (TCP/IP)	√	Ethernet	ASDA-A Servo Controller (ASCII)	√	COM	
	ModBus Device/Slave (TCP/IP)	√	Ethernet	ASDA-B Servo Controller (ASCII)	√	COM	
	Modbus Master (RTU)	√	COM	ASDA-A2 Servo Controller (ASCII)	√	COM	
	Modbus Device/Slave (RTU)	√	COM	Dirise Electric Technology Co.,Ltd.	DRS2000 Series Inverter	-	COM
	Modicon Device/Slave (RTU, Quantum)	√	COM	DRS2800 M Series Inverter	√	COM	
	ModBus Master (TCP/IP; Type 2)	√	Ethernet	EasyIO	EasyIO-30 (RTU)	√	Ethernet
	ModBus Device/Slave (TCP/IP; Type 2)	√	Ethernet	Emerson Network Power	EC Series (RTU)	√	COM
	Modbus Master (RTU; Non-volatile slave data)	√	COM		EV1000 Series Variable Speed Driver	√	COM
Automation Technology Co., Ltd.	BLDC NLV/KLV Series	√	COM	Epson Corporate	Epson LQ Matrix Printer	√	COM
				Eura Drivers Electric Corp.	Eura EF1S/1N	√	COM
					Eura EF2N	√	COM
					Eura Inverter (Modbus RTU)	√	COM
Eura Inverter (Modbus ASCII)	√	COM					
Eura EF200-CPU202(Modbus RTU)	√	COM					
Eura EF200-CPU202XP/CPU204(Modbus RTU)	√	COM					
Banner Engineering Int'l Inc.	BSP01 Series	√	COM	Eura EF200-CPU204XP/CPU206(Modbus RTU)	√	COM	
Beckhoff Automation GmbH	TwinCAT 2 (via Ethernet)	√	Ethernet				
	TwinCAT 2 (via DLL)	-	Ethernet				
Bosch Rexroth	ModBus Device/Slave (TCP/IP; Type 2)	√	Ethernet				

Visualized HMI Runtime Supported Driver List							
Brand	Model	Driver Support	Direct Link Type	Brand	Model	Driver Support	Direct Link Type
Eura Drivers Electric Corp.	Eura EF300-CPU304(Modbus RTU)	√	COM	Hitech	Computer as Slave (COM)	√	COM
	Eura EF300-CPU306(Modbus RTU)	√	COM		Computer as Master (COM)	√	COM
	Eura Servo Drive (Modbus RTU)	√	COM		Computer as Slave V2 (COM)	-	COM
	Eura Servo Drive (Modbus ASCII)	√	COM		Computer as Master V2 (COM)	√	COM
	Eura HFR1000 (Modbus RTU)	√	COM	HOLIP ELECTRONIC TECHNOLOGY CO., LTD	HLP-C+/CP	√	COM
	Eura HFR1000 (Modbus ASCII)	√	COM	HollySys	LE5108 (Modbus RTU)	√	COM
	Eura HFR2000 (Modbus RTU)	√	COM	Honeywell	BACnet/IP	-	Ethernet
	Eura HFR2000 (Modbus ASCII)	√	COM		BACnet/MSTP	-	COM
	Fatek Automation Corp.	FATEK FBs/FBe	√		COM	BACnet	-
Fatek FBs/FBe (TCP)		√	Ethernet		HW BACnet/IP	-	Ethernet
Festo Corporation	FPC/FEC Series	√	COM	Modbus Device/Slave (RTU, 255)	√	COM	
	FPC/FEC EasyIP	√	Ethernet	Modbus Device/Slave (RTU, 255, NoBlock)	√	COM	
Fuji Electric Corporation	NB Series	√	COM	Hunjoen Electronic Co., Ltd.	H_Tech PID CONTROLLER	√	COM
	PXR Series Temperature (RTU)	√	COM		HUST Automation Inc.	CNC Controller	√
	FRENIC-VP (RTU)	√	COM	New CNC Controller		√	COM
	FRENIC5000G11/P11 (Fuji)	√	COM	Idec Corporation	FC Series	√	COM
	FRENIC-Mini/Eco/Multi/Mega(RTU)	√	COM		IECCO	Sinus Penta Inverter (RTU)	√
	MICREX-SX	√	Ethernet	Inovance Control Technology Co., Ltd.		H2u (CPU Port)	√
FKV Automation Co., Ltd.	F Series Inverter	√	COM		MD Series Inverter (RTU)	√	COM
GE Corporation	90 Series SNP	√	COM		MD Series Inverter (RTU-1)	√	COM
	VersaMax Series (SNP)	√	COM		IS Servo (RTU)	√	COM
	90 and RX3i Series (SNP)	√	COM	Integrated Flow Systems	iPurge Source Controller	√	COM
	90 Series CCM	√	COM		Invrt Auto-Control Technology	IVC Series	√
	SRTP Ethernet	√	Ethernet	JETTER		NANO Series	√
SRTP Ethernet (Micro)	√	Ethernet	JetControl 24x Series		√	COM	
Gigarise Technology Co., Ltd.	SE5000	√	COM		JetControl 24x Series (Ethernet)	√	Ethernet
	GA400 Temperature (RTU)	√	COM		Joint Peer Systec Corp.	IRIS Series	√
GOFAST Corporation	NC Series	√	COM	JUPITER Series		√	COM
Haiwell Technology Co., Ltd	HW Series (RTU)	√	COM	PDAN Series		√	COM
Hanbell Precise Machinery Co., Ltd.	Air Screw Compressor	√	COM	PDS Series		√	COM
	Hitachi Industrial Equipment Systems Co., Ltd	SJ200 Inverter	√	COM	Keyence Corp.	KV Series	√
EH/EHV Series (Ethernet; TCP)		√	Ethernet	KV-1000		√	COM
EH/EHV Series (Ethernet; UDP)		√	Ethernet	KV-L20V,KV-NANO		√	COM
H/EH Series		√	COM	KV-L20		√	COM
EHV Series (Procedure 1)		√	COM	KV-3000		√	COM
H-252C		√	COM	KV-5000	√	Ethernet	
AD Series Servo Drives		√	COM	Kinco Automation Ltd.	Kinco ED Series	√	COM
Klockner Moeller Corporation		PS4-201-MM1	√		COM	Klockner Moeller Corporation	SUCONET K

Visualized HMI Runtime Supported Driver List			
Brand	Model	Driver Support	Direct Link Type
Koyo Electric Corp.	K Sequence Series	√	COM
	Direct Logic Series	√	COM
	Direct 06 Series (K Sequence)	√	COM
	Direct 06 Series (DirectNET)	√	COM
Lenze Drive Systems GmbH	93xx Servo Controllers (LECOM A/B)	√	COM
	E94AYCEN GCI(TCP/IP) Protocol	√	Ethernet
LG Industrial Systems	Master-K Series CNet	√	COM
	K120S CPU Port	√	COM
	Master-K Loader	√	COM
	GLOFA GM Series CNet	√	COM
	XBM-DR16S	√	COM
	GLOFA GM Loader	√	COM
	XEC/XGI CNet	√	COM
	XGT/XGK (CPU)	√	COM
	XGL-C22A	√	COM
	XGT/XGK (CPU)	√	Ethernet
LG System	LGA Series(as Slave)	√	COM
	LGA Series (as Master)	√	COM
Liyan Electric Industrial Ltd.	EX Series (CPU Port)	√	COM
Lust Antriebstechnik GmbH	LustBus ServoC/CDE Series	√	COM
	LustBus CDD Series	√	COM
Panasonic Corporation-Matsushita Electric Works	FP Series Computer Link	√	COM
	FP-X Series	√	COM
	VFOC Series Inverter	√	COM
	VF100 Series Inverter	√	COM
Maxtech	MC2 PID Controller	√	COM
Maxthermo	MC 5738 (RTU)	√	COM
Mean Well Enterprises Co., Ltd.	PRETA	√	COM
Megmeet	MC Series (RTU)	√	COM
Micro Trend Corporation	UTC Servo Controller	√	COM
MIKOM ELECTRICAL TECHNOLOGY	MX Series PLC	√	COM
Mirle Automation Corporation	Fama SoftPLC Ethernet	√	Ethernet
	ModBus Device/Slave (TCP/IP)	√	Ethernet
	nDX Controller	√	COM
Mitsubishi Electric Corp.	Melsec-FX (CPU Port)	√	COM
	Melsec-Q/QnA (Link Port)	√	COM
	Melsec-Q00/01 (CPU Port)	√	COM
	Melsec-Q02H (CPU Port)	√	COM
	Melsec-Q02 (CPU Port)	√	COM
	Melsec-Q02U (CPU Port)	√	COM
	Melsec-Q00J (CPU Port)	√	COM
	Melsec-FX2n (CPU Port)	√	COM
	Melsec-FX3U (CPU Port)	√	COM
	Melsec-FX3U (Link Port)	√	COM
	Melsec-AnN/AnS (Link Port)	√	COM
	Melsec-AnN/AnS Protocol 4	√	COM
	FX2n-10GM/20GM	√	COM
Melsec-A1S/A2S (CPU Port)	√	COM	
FR-E500 Series (485)	√	COM	
Brand	Model	Driver Support	Direct Link Type
Mitsubishi Electric Corp.	Melsec-A3N/A1SH (CPU Port)	√	COM
	Melsec-AnA/AnU (Link Port)	√	COM
	Melsec-AnA/AnU Protocol 4	√	COM
	Servo Amplifier MR-J2S-A	√	COM
	Servo Amplifier MR-J3-A	√	COM
	Servo Amplifier MR-J4-A	√	COM
	Melsec-A2A/A2AS (CPU Port)	√	COM
	Melsec-Q06H (CPU Port)	√	COM
	Melsec-Q12H (CPU Port)	√	COM
	Melsec-Q03U (CPU Port)	√	COM
	Melsec-Q00U (CPU Port)	√	COM
	GOT-F900 Emulator (1:1 Format 1 & 2)	√	COM
	Melsec-Q01U (CPU Port)	√	COM
	Q Ethernet	√	Ethernet
Q/L Ethernet (ASCII Mode)	√	Ethernet	
L Ethernet (Binary Mode)	√	Ethernet	
Melsec-FX3U (MC-Protocol)	√	Ethernet	
Mitutoyo Corporation	EV Linear Gage Counter (ASCII)	√	COM
	ModBus Master (TCP/IP)	√	Ethernet
Schneider Electric-Modicon Corp.	ModBus Device/Slave (TCP/IP)	√	Ethernet
	Modicon 984 Master (RTU)	√	COM
	Modicon 984 Master (RTU; Little Memory)	√	COM
	Modicon 984 Device/Slave (RTU)	√	COM
	Modbus Master (ASCII)	√	COM
	Modbus Master (ASCII; Little Memory)	√	COM
	Modbus Device/Slave (ASCII)	√	COM
	Modicon Device/Slave (RTU, Quantum)	√	COM
	TSX Premium (Uni-Telway)	√	COM
	TSX Quantum (Uni-Telway)	-	COM
	Twido (Modbus RTU)	√	COM
	ModBus Master (TCP/IP; Type 2)	√	Ethernet
	ModBus Device/Slave (TCP/IP; Type 2)	√	Ethernet
	Modbus Master (RTU; Non-volatile slave data)	√	COM
Modbus Device/Slave (RTU; 6-digit Addresses)	√	COM	
Modbus Master (ASCII; Non-volatile slave data)	√	COM	
MOTEC	α Series	√	COM
MTC	MTC96 Controller (Modbus ASCII)	√	COM
Muscle Corporation Inc.	Cool Muscle CM1-17L30	√	COM
MyTech	VL-CX: Melsec-FX2n (CPU Port)	√	COM
Newtop Co., Ltd.	PSTC (Temperature Controller)	√	COM
	PSBD (Brushless Driver)	√	COM
	PSSD (Stepping Driver)	√	COM
	PSMC (Motion Controller)	√	COM
	PSNC (Embedded NC)	√	COM

Visualized HMI Runtime Supported Driver List							
Brand	Model	Driver Support	Direct Link Type	Brand	Model	Driver Support	Direct Link Type
Omron Corporation	Sysmac C Series Host Link	√	COM	Panel Master	Modbus Master (RTU)	√	COM
	Sysmac CV Series Host Link	√	COM		Modbus Master (RTU; Little Memory)	√	COM
	Sysmac CS/CJ Series Host Link	√	COM		Modbus Master (RTU; Non-volatile slave data)	√	COM
	Sysmac CS/CJ Series (FINS)	√	COM		Modbus Device/Slave (RTU)	√	COM
	Sysmac CP Series (FINS)	√	COM		Modbus Device/Slave (RTU, 16Words)	√	COM
	E5CN Temperature (CompoWay/F)	√	COM		Modbus Device/Slave (Word order in big-endian)	√	COM
	E5CN Temperature (Modbus RTU)	√	COM		Modbus Device/Slave (RTU; No block read)	√	COM
	EJ1 Temperature (CompoWay/F)	√	COM		Modbus Device/Slave (RTU, 30Words)	√	COM
	KM100 (CompoWay/F)	√	COM		Modbus Device/Slave (ASCII)	√	COM
	3G3MV Inverter (RTU)	√	COM		Modbus Device/Slave (ASCII; No block read)	√	COM
	Sysmac CS/CJ Series FINS/TCP	√	Ethernet		Modbus Device/Slave (TCP/IP)	√	Ethernet
Sysmac NJ Series FINS/TCP	√	Ethernet	Internal Memory Server	√	Gateway Service (Ethernet)		
Pan-Globe Corp.	E9 Temperature Series	√	COM	Internal Memory	√	Ethernet	
	E904 Temperature (RTU)	√	COM	Barcode Scanner	√	COM	
	HT Series Temperature Controller	√	COM	Epson Matrix Printer	√	COM	
Panasonic Corporation	FP Series	√	COM	PC Series PLC Module	√	COM	
	FP Series Computer Link	√	Ethernet	OPC UA Client Driver	√	OPC Link	
	MINAS A4 Series	√	COM	Parker Hannifin	Compax3	√	COM
Panel Master	Null PLC	√	COM	Parker Hannifin S.p.A.	HID Series (X4 RS232 Port)	√	COM
	N-to-1 Master (COM)	√	Communication Service (COM)		SLVDN Series (X1 RS422/485 Port)	√	COM
	Multi-drop Client (COM)	√	Indirect Link via N-to-1 Connection (COM)		6K Ethernet Protocol	-	Ethernet
	N-to-1 Master (Ethernet)	√	Communication Service (Ethernet)	PORIS	XC ModBus TCP	√	Ethernet
	N-to-1 Slave (Ethernet)	√	Indirect Link via N-to-1 Connection (Ethernet)		XC Modbus RTU	√	COM
	General Device (COM)	√	COM	Resson Technologies Co., Ltd.	RD-15S	√	COM
	2-to-1 Server (COM)	√	Communication Service (COM)	RICH Electric Co., LTD.	EI-500 Series (RTU)	√	COM
	2-to-1 Transparent Server (COM)	-	Communication Service (COM)		EI-9001 Series (RTU)	√	COM
	2-to-1 Transparent Server for Modbus Device/Slave (RTU)	√	Communication Service (COM)	RKC Instrument Inc.	MA900/CB900 Series (RTU)	√	COM
	2-to-1 Transparent Server for Omron Sysmac C Series Host Link	√	Communication Service (COM)		CD/CH Series (ASCII)	√	COM
	2-to-1 Transparent Server for Modbus Device/Slave (RTU; 6-digit Addresses)	√	Communication Service (COM)	Saia Burgess	PCD Series (S-Bus PGU)	√	COM
	2-to-1 Client (COM)	√	Indirect Link via 2-to-1 Connection (COM)		PCD Series (S-Bus, Data Mode)	√	COM
	TCP/IP Gateway Server	√	Gateway Service (Ethernet)		PCD Series (Ether-S-Bus)	√	Ethernet
	Serial Gateway Server	√	Gateway Service (COM)	Samwon Technology	NOVA Series (RTU)	√	COM
	Data Sharer (UDP)	√	Ethernet		NOVA Series	√	COM
	General Device (TCP/IP Slave)	√	Ethernet	Schneider Electric	ATV31 Inverter (RTU)	√	COM
	Data Sharer (RS485)	-	COM		Lexium 23 Servo Controller (ASCII)	√	COM
Ping	-	Ethernet	Sharp Corporation	JW10/20 Series	√	COM	
			Shenzhen Sine Electric Co., Ltd	EM303A	√	COM	
			Shenzhen Step Servo Ltd.	Kinco Servo Controller	√	COM	
			Shenzhen V&T Technologies Co.,Ltd	V5-H	√	COM	
			Shenzhen Xilin Electric Tech. Co., Ltd.	Inverter EH series (RTU)	√	COM	

Visualized HMI Runtime Supported Driver List								
Brand	Model	Driver Support	Direct Link Type	Brand	Model	Driver Support	Direct Link Type	
Shihlin Electric& Engineering Corp.	SH Inverter	√	COM	VIPA GmbH	VIPA 100V/200V MPI Port	-	COM	
				Vware	Null PLC	√	COM	
N-to-1 Master (COM)	√	Communication Service (COM)						
Multi-drop Client (COM)	√	Indirect Link via N-to-1 Connection (COM)						
N-to-1 Master (Ethernet)	√	Communication Service (Ethernet)						
N-to-1 Slave (Ethernet)	√	Indirect Link via N-to-1 Connection (Ethernet)						
General Device (COM)	√	COM						
Data Sharer (RS485)	-	COM						
Siemens AG	Simatic S7-200 (PPI; 1-to-1)	-	COM	WAGO Kontakttechnik GmbH & Co. KG	WAGO-I/O-SYSTEM 750	√	Ethernet	
	Simatic S7-200 SMART (PPI; 1-to-1)	-	COM					
	Simatic S7-200 (PPI; Network)	-	COM					
	Simatic S7-300 (MPI Port)	-	COM					
	Simatic S7-300 Ethernet Module (CP343)	√	Ethernet					
	SIMATIC S7 (Ethernet) (CPU on board ethernet ET200S/S7-300/S7-1200/S7-1500)	√	Ethernet					
	SIMATIC S7-200 SMART (Ethernet)	√	Ethernet					
	SIMATIC S7-200 (Ethernet)	√	Ethernet					
	LOGO (Ethernet)	√	Ethernet					
Taian Automation Co.,Ltd.	TP03 Series (Modbus RTU)	√	COM	Wanfeng Electric	WF Series	√	COM	
	TP02 Series	√	COM	YABOS	Hospital System	√	COM	
Taiwan Instrument & Control Co., Ltd.	TAIE FY100/900 Series (RTU)	√	COM		Dentists	√	COM	
	TAIE FY100/900 Series (TAIE)	√	COM	YAMAHA MOTOR CO., LTD.	Single-axis Robot Controller ERCD	√	COM	
	FY series DIGITAL PID CONTROLLER	√	COM			Yamatake Corporation	SDC35/36 Temperature (RTU)	√
Teco Electric & Machinery Co.,Ltd.	TSDA Series AC Servo	√	COM				SDC35/36 Temperature (ASCII)	√
	TP03 Series (Modbus RTU)	√	COM	MA500 FA Controller (ECL Host)	√		COM	
	TP02 Series	√	COM	DMC10 Controller (RTU)	√		COM	
	TSTA Series AC Servo	√	COM	DMC10 Controller (ASCII)	√		COM	
TESHOW ELECTRONIC	MY90V/MY40V Series (RTU)	√	COM	MX30	√		COM	
				MX50	√		COM	
				Σ-II SGM/H Series AC Servo	√		COM	
Texas Instruments Incorporated	TI505	√	COM	MP Series Controller (Memobus)	√		COM	
				ModBus Device/Slave (TCP/IP)	√		Ethernet	
Thinget Electronic Co., Ltd.	XC Series Controller (RTU)	√	COM	Extended MEMOBUS	√	Ethernet		
	IPC-03 Series (RTU)	√	COM	MP Series Ethernet (Extension)	√	Ethernet		
TOHO Electronics Inc.	TTX-700 (Modbus RTU)	√	COM	V7 inverter (Memobus)	√	COM		
	TTM-000 Series (TOHO Protocol)	√	COM	NS600 Servo Controller	√	COM		
	TTM-200 Series (TOHO Protocol)	√	COM	YE-LI ELECTRIC & MACHINERY Co., Ltd.	YPV Servo Controller	√	COM	
	TOKY ELECRITICAL	DW8-CD18B	√		COM	YJD Servo Controller	√	COM
UCM-04A		√	COM	Yokogawa Electric Corporation	FA-M3 Series (CPU Port)	√	COM	
Toshiba Schneider Inverter Corporation	TOSVERT VF Series(Modbus RTU)	√	COM		FA-M3 Series (UDP)	√	Ethernet	
	EPC-1000	√	Ethernet		FA-M3 Series (TCP)	√	Ethernet	
TPM	Vision 120 Series (Modbus RTU)	√	COM	Yudian Automation Technology Ltd.	AI-7048 (AiBus)	√	COM	
USAT Technologies	AX (CPU Port)	√	COM		AI518/708/808/518P/708P/808P Controller (Albus)	√	COM	
	AX2N (CPU Port)	√	COM		Zhuhai Motion Control Motor Co., Ltd.	BP Series PSDA driver (RTU)	√	COM
	AX3U (CPU Port)	√	COM	Vigor Corporation			M/VB Series	√
Vertex Technology Co., Ltd	VT26/30 Series Controllers (RTU)	√	COM				VS Series	√