

Functions/Contents		X1 X115 X112	V10	TS4000 ¹⁾	Advanced		V9		TELLUS-HMI			TS2000		TS1000S			V8			
			Standard				Standard													
			V1015IS				TS4150I													
			V1012IS				TS4120I													
			V1010IS	TS4100I	V9101IW	V9071IW	V9120IS	V9100IS	V9080IS	Ver. 5	Ver. 4	iPad (Ver. 4)	TS2060I	TS2060	TS1100SI	TS1070SI	TS1070S	V808ICH	V808CH	
			V1008IS	TS4070I																
Configuration Function	Enlarging and Scrolling Screens	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	
	Vector Graphics	✓	-	-	-	-	-	-	-	✓ (*X1*/.TL5 only)	-	-	-	-	-	-	-	-	-	
	2D Code Display ¹⁾	✓	✓	✓	-	-	-	-	-	✓ (*X1*/.V10 only)	-	-	-	-	-	-	-	-	-	
	Overlap	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Transparency Display	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	
	Number of Displayable Overlaps at Once (Including Global Overlap)	10	10	10	10	10	10	10	10	10	10	10	4	4	4	4	4	4	4	
	Video Overlap	-	+GUX-xx ²⁾	-	+GUR-xx	-	+GUR-xx	-	-	-	-	-	-	-	-	-	-	-	-	
	Switch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Number of Interlock Conditions	5	5	5	5	5	5	5	5	5	5	5	1	1	1	1	1	1	1	
	Transition (When switching a screen or an overlap)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Lamp	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	N-State Lamp	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
	Num. Display	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	7 Segment Font	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Entry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	List Box ¹⁾ Drop-down List ¹⁾	✓	✓	✓	-	-	-	-	-	✓ (*X1*/.V10 only)	-	-	-	-	-	-	-	-	-	
	Interlock for Keypad Display from Entry Target	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Item Select Function of Entry Target	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	System Keyboard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Graph Display(Pie/Bar/Panel Meter etc.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Trend Number of Blocks	12	12	12	12	12	12	12	12	12	12	12	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	
	Logging	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Conversion(Operaiton, Scaling)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Real Time Display	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Always display	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Line Width of Graph	1~8	1~8	1~8	1~8	1~8	1~8	1~8	1~8	1~8	1~8	1~8	Thin/Thick	Thin/Thick	Thin/Thick	Thin/Thick	Thin/Thick	Thin/Thick	Thin/Thick	
	Alarm Number of Blocks	12	12	12	12	12	12	12	12	12	12	12	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	
	Error Condition (ON/OFF/Range Designation)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Scrolling Messages	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾	✓ ⁴⁾	
	Sound	✓	✓	-	✓	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	
	E-mail Notification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	-	✓	-	
	Video Recording(USB Camera Display)	-	✓	-	△ ⁵⁾	△ ⁵⁾	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	
	Operation in the Event of an Alarm (Bit Output/Screen Switching, etc.)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Touch Action(Screen Switching)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Time Display/ Calendar	✓	✓	✓	✓	✓	✓	✓	✓	✓ PC's Calendar	✓ PC's Calendar	✓ iPad's Calendar	✓	✓	✓	✓	✓	✓	✓	
	Import PLC Calendar	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	
	Use Built-in Calendar (MONITOUCH)	✓ ⁶⁾	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	
	NTP Server	✓ ⁶⁾	✓	✓	✓	✓	✓	✓	✓	✓ ⁷⁾	✓ ⁷⁾	✓ ⁷⁾	-	-	-	-	-	-	-	
	Recipes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	
	Use Built-in Storage ¹⁾	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Use External Storage	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	-	✓	✓	✓	✓	✓	
	Item Show/Hide Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Language Changeover	32	32	32	32	32	32	32	32	32	32	32	16	16	16	16	16	16	16	
	Memo Pad	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Message Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Displaying Comments	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Graphics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	JPEG Display	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	12 ³⁾	
	Animation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	Ladder Monitor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Trans-fer	HMI Search Transfer (Ethernet) ¹⁾	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Ladder Transfer	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓		
SYSTEM	Scheduler	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-		
	Operation Log	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Security	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	MES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	-		
	Stand-alone MES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-		
	PDF Viewer	-	✓	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-		
	Video Player	-	✓	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-		
	Picture Viewer	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-		
	Storage Viewer	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-		
	E-mail Notification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	-	✓		
Ethernet	E-mail Notification + File Attachments	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-		
	VNC Server	△ ⁷⁾	✓	✓	✓	✓	✓	✓	✓	△ ⁷⁾	△ ⁷⁾	△ ⁷⁾	✓	-	✓	✓	-	-		
	FTP Server	△ ⁷⁾	✓	✓	✓	✓	✓	✓	✓	△ ⁷⁾	△ ⁷⁾	△ ⁷⁾	✓	-	✓	✓	-	✓		
	Web Server	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Data Transfer Service(FTP Client)	△ ⁷⁾	✓	✓	✓	✓	✓	✓	-	△ ⁷⁾	△ ⁷⁾	△ ⁷⁾	-	-	-	-	-	-		
	Remote Desktop	△ ⁷⁾	✓	✓	✓	✓	✓	✓	✓	△ ⁷⁾	△ ⁷⁾	△ ⁷⁾	✓ ⁸⁾	-	✓ ⁸⁾	✓ ⁸⁾	-	✓ ⁸⁾		
	Network Camera	△ ⁷⁾	✓	✓	✓	✓	✓	✓	✓	△ ⁷⁾	△ ⁷⁾	△ ⁷⁾	✓	-	✓	✓	-	✓		
	Network Printer	△ ⁷⁾	✓	✓	✓	✓	✓	✓	✓	△ ⁷⁾	△ ⁷⁾	△ ⁷⁾	-	-	-	-	-	-		
	VPN Remote Access Service	-	✓	✓	✓	✓	✓	✓	✓	△ ⁷⁾	△ ⁷⁾	△ ⁷⁾	-	-	-	-	-	-		
	Cloud Data Service	△ ⁷⁾	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-		
PDF Out put	Printing Data Sheets	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-		
	Printing Data Sheets + Signature (Memo Pad)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-		
X1 Series	2-Split Screen Display	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Expanding the Display Screen(HDMI)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Starting Applications	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	IIoT MQTT Client	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	IIoT OPC UA Server	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TS	Web Browser Display	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Trial Period Setting	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-		
	Soft Function Switch	-	-	✓	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	-		

Functions/Contents		X1	V10	TS4000 ^{*1}	Advanced		V9			TELLUS-HMI			TS2000		TS1000S			V8				
			Standard				V9100IC	V9080IC	V9060IT													
			V1015S																	V9150IX		
			X115		X112	V1012IS	TS4120I	V9120IS	V9100IS	V9080IS	Ver. 5	Ver. 4	iPad (Ver. 4)	TS2060I	TS2060	TS1100Si	TS1070Si	TS1070S	V808iCH	V808CH		
Unit	Function Switch	-	✓	-	-	-	✓	✓	✓	✓	✓	-	-	✓	✓	-	-	-	✓	✓		
Connection Port	D-sub 9-pin(Serial Connection)	-	✓	✓	✓	+DUR-00	✓	✓	+DUR-00	Connectable via the PC's serial port(3 ports)			+DUR-00	-	✓	✓	✓	✓	-	-		
	Modular Jack 8-pin(Serial Connection)	✓	✓	-	✓	✓	✓	✓	✓				✓	✓	✓	-	-	-	-	-	-	-
	Terminal Blocks(Serial Connection)	-	-	-	-	-	-	-	-				-	-	-	-	-	-	✓	✓	-	-
	USB-A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-			
	USB-miniB	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-			
	USB-B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-		
	LAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TCP/IP only	✓	-	✓	✓	-	✓	-		
	Communication I/F Unit	-	+CUR-00	-	+CUR-00	+CUR-00	+CUR-00	+CUR-00	+CUR-00	+CUR-00	✓	✓	-	+CUR-00	-	-	-	-	-	-		
	Video/RGB Unit	-	+GUX-xx ^{*2}	-	+GUR-xx	-	+GUR-xx	-	-	-	✓	✓	-	-	-	-	-	-	-	-		
	Sound	✓	✓	-	✓	-	✓	-	-	-	✓	✓	-	-	-	-	-	-	-	-		
	Bluetooth	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HDMI	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Peripheral Equipment	Printer	△ ^{*9}	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓		
	PictBridge Printer	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓		
	Serial Barcode Reader	△ ^{*7}	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-		
	USB Barcode Reader	△ ^{*7}	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓	-	-		
	USB Mouse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	-	-		
	USB Keyboard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	-	-		
	USB Camera	△ ^{*7}	✓	-	△ ^{*5}	△ ^{*5}	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓	-	-		
Storage	V-I/O	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-		
	Built-in Socket	-	SD	-	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	-	-	-	-	CF	CF		
Font Type	USB Flash Drive	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓	-	-		
	TrueType Font	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-		
	Bitmap Font	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓		
	Gothic Font	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Stroke Font	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	-	-	✓	✓		
Windows Font	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

*1 Supported by Smart Editor only.

*2 Only the V10 series models with "G" in the model number are supported (e.g., V1010ISxxxG); models without "G" in the model number are not supported.

*3 Total number of trend history and alarm history (because buffering area setting is up to 12).

*4 Available by using component parts.

*5 Only available when the touch switch is analog resistive film (V9100IW/V9070IW).

*6 Configure on the System Configurator screen.

*7 Available by using the respective apps for Windows or iPad OS.

*8 Need to purchase a license key.

*9 MR-400 connectable only via modular jack.

The additional notes regarding MONITOUCH and TELLUS are provided.
For details, refer to the respective manuals.