

Type Name		Advanced IIoT Edge Controller	IIoT Edge Controller		Intelligent I/O Module		
Controller/Module Name		WISE-284x 	WISE-52xx 	WISE-224x 	WISE-580x 	WISE-71xx WISE-72xx 	WISE-75xx 
Hardware Specification							
CPU		Quad-core ARM CPU, 1.6 GHz/Core	32bits (1GHz)	32bits (1GHz)	16bits (80MHz)	16bits (80MHz)	32bits (400MHz)
Ethernet Interface		10/100/1000 Base-TX × 2	10/100/1000 Base-TX × 1	10/100/1000 Base-TX × 2	10/100 Base-TX × 1	10/100 Base-TX × 1	10/100 Base-TX × 2 Ethernet Switch for Daisy-Chain
MicroSD Interface		Yes (Max. 2 TB)	Yes (Max. 32 GB)	Yes (Max. 32 GB)	Yes (Max. 32 GB)	-	-
I/O Module Supported	Local	XV-board	XV-board	XV-board	XW-board	Built-in I/O	Built-in I/O
	Remote	DCON module and Modbus RTU module (RS-485) Modbus TCP module (Ethernet)	DCON module and Modbus RTU module (RS-485) Modbus TCP module (Ethernet)	DCON module and Modbus RTU module (RS-485) Modbus TCP module (Ethernet)	WISE-580x I-7000 module or WISE-580x-MTCP Modbus TCP module	-	-
	IP Camera	iCAM module (Up to 12)	iCAM module (Up to 4)	iCAM module (Up to 4)	-	-	-
Software Specification: Basic Function							
Rule Configuration Website		Yes (Support HTTPS)	Yes	Yes	Yes	Yes	Yes
SNTP Time Synchronization		Yes	Yes	Yes	Yes	-	Yes
VPN		Yes	-	-	-	-	-
Firewall		Yes	-	-	-	-	-
DDNS		Yes	Yes	Yes	-	-	-
I/O channel monitoring and control		Yes	Yes	Yes	Yes	Yes	Yes
Trigger IP camera snapshot or video		Yes	Yes	Yes	-	-	-
IF-THEN-ELSE Logic Rule		Yes (Unlimited)	Yes (Unlimited)	Yes (Unlimited)	Yes (36 Set)	Yes (36 Set)	Yes (72 Set)
Recipe		Yes (Unlimited)	Yes (Unlimited)	Yes (Unlimited)	Yes (12 Set)	Yes (12 Set)	Yes (24 Set)
Data Logger		Yes (More sets)	Yes (More sets)	Yes (More sets)	Yes (1 Set)	-	-
Timer		Yes (Unlimited)	Yes (Unlimited)	Yes (Unlimited)	Yes (12 Set)	Yes (12 Set)	Yes (24 Set)
Schedule		Yes (More powerful)	Yes (More powerful)	Yes (More powerful)	Yes (12 Set)	-	Yes (24 Set)
Internal Register	Amount	100 Set	100 Set	100 Set	48 Set	48 Set	48 Set
	Retain Variable	Yes	Yes	Yes	-	-	-
	Math Formula	Yes	Yes	Yes	-	-	-
	String Processing	Yes	-	-	-	-	-
Ping		Yes	Yes	Yes	-	-	-
Advanced P2P		-	-	-	-	Yes (8 Set)	Yes (8 Set)
Software Specification: Integration with SCADA/IT/IoT Systems							
Connect with SCADA		Yes (Modbus TCP) (Modbus RTU)	Yes (Modbus TCP) (Modbus RTU)	Yes (Modbus TCP) (Modbus RTU)	Yes (Modbus TCP) (Modbus RTU)	Yes (Modbus TCP)	Yes (Modbus TCP)
Active I/O		Yes (Modbus TCP Master) (MQTT Publish) (SNMP Trap)	Yes (Modbus TCP Master) (MQTT Publish) (SNMP Trap)	Yes (Modbus TCP Master) (MQTT Publish) (SNMP Trap)	Yes (Modbus TCP Master)	-	Yes (MQTT Publish)
Wireless data communication	3G	-	Yes WISE-523xM-3GWA	-	-	-	-
	4G	-	Yes WISE-523xM-4GE	-	-	-	-
SMS		-	Yes WISE-523xM-3GWA WISE-523xM-4GE	-	Yes WISE-5801 WISE-5801-MTCP	-	-

Email Sending		Yes (Support SSL/TLS)	Yes (Support SSL/TLS)	Yes (Support SSL/TLS)	Yes (No Security)	Yes (No Security)	Yes (No Security)
LINE Notify Sending		Yes	Yes	Yes	-	-	-
Telegram Sending		Yes	-	-	-	-	-
WeChat Sending		Yes	Yes WISE-5236 Series	Yes WISE-2246M	-	-	-
CGI Command	Sending	Yes (More powerful)	Yes (More powerful)	Yes (More powerful)	Yes	Yes	Yes
	Receiving	Yes	Yes	Yes	-	-	-
FTP	Client	Yes (Support SFTP/FTPS)	Yes	Yes	Yes	-	-
	Server	Yes (Support TLS Encryption)	Yes	Yes	-	-	-
SNMP		Yes (Support v2c/v3)	Yes (Support v1/v2c)	Yes (Support v1/v2c)	-	-	-
MQTT Client		Yes (Support SSL/TLS)	Yes (Support SSL/TLS)	Yes (Support SSL/TLS)	-	-	Yes (No Security)
IoTstar supported		Yes	Yes	Yes	-	-	-
Connect with public Cloud platform		Yes (Amazon Web Services) (Microsoft Azure) (IBM Bluemix)	Yes (Microsoft Azure) (IBM Bluemix)	Yes (Microsoft Azure) (IBM Bluemix)	-	-	-