

INDUSTRIAL COMMUNICATION

WWW.SSTAUTOMATION.COM

- ▶ Industrial Gateway
- ▶ Serial/Fieldbus Converter
- ▶ Fieldbus/EtherNet Gateway
- ▶ Embedded Module
- ▶ Communication Software

GUIDE

Product Types	Modbus TCP	EtherNet/IP	BACnet IP	PROFIBUS DP	PROFINET	EtherCAT	Ethernet	IEC61850	Modbus	DeviceNet	CANopen	CAN 2.0	HART	IoT/MQTT	PP/MP/PI	Customize	① RS485 ② RS232 ③ RS422	Page	Remarks
GT200-DP-RS				S					M / S							*	①/②/③	3	Universal Serial/PROFIBUS DP
GT200-DP-DN				S						S								6	DeviceNet(Adapter)/PROFIBUS DP
GT200-DP-DM				S					M									6	DeviceNet(Scanner)/PROFIBUS DP
GT200-DP-CA				S								A / B						5	CAN/PROFIBUS DP
GT200-DP-CO				S							M / S							5	CANopen/PROFIBUS DP
GT200-DP-MT	M / S			S														17	Modbus TCP/PROFIBUS DP
GT200-DP-EI		S		S														17	EtherNet/IP/PROFIBUS DP
GT200-DPM-EI		S		M														18	PRIFIBUS DP(Master)/EtherNet/IP
GT200-DN-RS									M	S							①/②	12	Modbus/DeviceNet
GT200-CO-RS									M / S		M / S						①/②/③	10	Modbus(M/S)/CANopen(M/S)
GT200-PN-3RS					S				M / S								3-①/3-②	11	3-port Modbus Serial / PROFINET IO
GT200-PN-RS	M / S				S				M / S								2-①/②	11	2-port Modbus Serial / PROFINET IO
GT200-PN-MT	M / S				S													29	Modbus TCP/PROFINET
GT200-PN-CO					S						M / S	A / B						19	CAN/CANopen/PROFINET IO
GT200-MT-RS485	M / S								M / S								①	14	Modbus Serial/TCP, 1-port Serial Server
GT200-MT-RS232	M / S								M / S								②	14	Modbus Serial/TCP, 1-port Serial Server
GT200-MT-2RS485	M / S								M / S								2-①	15	Modbus Serial/TCP, 2-port Serial Server
GT200-MT-2RS232	M / S								M / S								2-②	15	Modbus Serial/TCP, 2-port Serial Server
GT200-MT-2RS	M / S								M / S								2-①/②	16	Modbus Serial/TCP, 2-port Serial Server
GT200-MT-CA	S											A / B						21	EtherNet/CAN
GT200-MT-CO	S										M							21	Modbus TCP/CANopen
GT200-MT-DN	S								M / S									22	Modbus TCP/DeviceNet
GT200-EI-2RS485		S							M								2-①	13	Modbus/EtherNet/IP
GT200-EI-CA		S										A / B						20	CAN/EtherNet/IP
GT200-EI-CO		S									M							20	CANopen/EtherNet/IP
GT200-HT-DP				S					S				M				①/②/③	7	HART/PROFIBUS DP
GT200-HT-RS									S				M				①/②/③	7	HART/Modbus Serial
GT200-3HT-RS									S				M				①/②	8	3-channel HART/Modbus Serial
GT200-HT-MT	S												M					8	HART/Modbus TCP
GT200-3HT-MT	S												M					8	3-channel HART/Modbus TCP
GT200-HT-EI		S											M					9	HART/EtherNet/IP
GT200-BM-2RS			S						M								2-①	4	2-port Modbus RTU/BACnet IP
GT200-BM-MT	M		S															4	Modbus TCP/BACnet IP
GT200-MQ-BMT	M / S		S											*				26	Modbus TCP/BACnet IP to WAN MQTT
GT200-MQ-IE	M / S	S							M / S					*				23	Modbus RS485/TCP to Cellular MQTT
GT200-61850-MS								S	M									26	Modbus/IEC61850
GT300-EC-EN		S				M												28	EtherCAT/EtherNet/IP
GT300-EC-PN				S	M													28	EtherCAT/PROFINET
GT100-DP-RS				S					M								①/②	3	Serial/PROFIBUS DP
GT100-PN-DM					S					M / S								19	DeviceNet /PROFINET IO
GT100-CO-RS									M / S		M / S						①/②/③	10	Modbus(M/S)/CANopen(M/S)
GT100-MQ-IE	M / S								M / S					*				23	Modbus RS485/TCP to Cellular MQTT
GT100-MQ-RS									M / S					*				24	Modbus RS485 to WAN MQTT
GT100-IE-MPI							S								M / S			27	EtherNet MPI Adapter
GT100-EI-RS		S							M							*	①/②/③	13	Modbus/EtherNet/IP

M- Master

S- Server



Note: The technical parameters may change without notice.

Catalog

GT200-DP-RS	Universal Serial/PROFIBUS DP Gateway	3
GT100-DP-RS	Serial/PROFIBUS DP Converter	3
GT200-BM-2RS	2-port Modbus RTU/BACnet IP Gateway	4
GT200-BM-MT	Modbus TCP/BACnet IP Gateway	4
GT200-DP-CO	CANopen/PROFIBUS DP Gateway	5
GT200-DP-CA	CAN/PROFIBUS DP Gateway	5
GT200-DP-DN	DeviceNet(Adapter)/PROFIBUS DP Gateway	6
GT200-DP-DM	DeviceNet(Scanner)/PROFIBUS DP Gateway	6
GT200-HT-RS	HART/Modbus Serial Gateway	7
GT200-HT-DP	HART/PROFIBUS DP Gateway	7
GT200-HT-MT	HART/Modbus TCP Gateway	8
GT200-3HT-MT	3-channel HART/Modbus TCP Gateway	8
GT200-3HT-RS	3-channel HART/Modbus Serial Gateway	8
GT200-HT-EI	HART/EtherNet/IP Gateway	9
GT200-CO-RS	Modbus/CANopen Gateway	10
GT100-CO-RS	Modbus/CANopen Gateway	10
GT200-PN-3RS	3-port Modbus Serial / PROFINET IO Gateway	11
GT200-PN-RS	2-port Modbus Serial / PROFINET IO Gateway	11
GT200-DN-RS	Modbus/DeviceNet Gateway	12
GT100-EI-RS	Modbus/EtherNet/IP Gateway	13
GT200-EI-2RS485	Modbus/EtherNet/IP Gateway	13
GT200-MT-RS485	Modbus Serial/TCP Gateway, 1-port RS-485 Serial Device Server	14
GT200-MT-RS232	Modbus Serial/TCP Gateway, 1-port RS-232 Serial Device Server	14
GT200-MT-2RS485	Modbus Serial/TCP Gateway, 2-port RS-485 Serial Device Server	15
GT200-MT-2RS232	Modbus Serial/TCP Gateway, 2-port RS-232 Serial Device Server	15
GT200-MT-2RS	Modbus Serial/TCP Gateway, 2-port RS-485/232 Serial Device Server	16
GT200-DP-MT	Modbus TCP/PROFIBUS DP Gateway	17
GT200-DP-EI	EtherNet/IP/PROFIBUS DP Gateway	17
GT200-DPM-EI	PROFIBUS DP(Master)/EtherNet/IP Gateway	18
GT200-PN-CO	CAN/CANopen/PROFINET IO	19
GT100-PN-DM	DeviceNet /PROFINET IO	19
GT200-EI-CO	CANopen/EtherNet/IP	20
GT200-EI-CA	CAN/EtherNet/IP	20
GT200-MT-CO	Modbus TCP/CANopen Gateway	21
GT200-MT-CA	EtherNet/CAN Gateway	21
GT200-MT-DN	Modbus TCP/DeviceNet Gateway	22
GT200-MQ-IE	Modbus RS485/TCP to Cellular MQTT Gateway	23
GT100-MQ-IE	Modbus RS485/TCP to Cellular MQTT Gateway	23
GT100-MQ-RS	Modbus RS485 to WAN MQTT Gateway	24
GT200-MQ-BMT	Modbus TCP/BACnet IP to WAN MQTT Gateway	25
GT200-61850-MS	Modbus/IEC61850 Gateway	26
GT100-IE-MPI	EtherNet MPI Adapter	27
GT300-EC-EN	EtherCAT/EtherNet/IP Gateway	28
GT300-EC-PN	EtherCAT/PROFINET Gateway	28
GT200-PN-MT	Modbus TCP/PROFINET Gateway	29



Product Type		GT200-DP-RS	GT100-DP-RS
		Universal Serial/PROFIBUS DP Gateway	Serial/PROFIBUS DP Converter
PROFIBUS DP Port	Operation Mode	Server	Server
	Connector Type	DB9 (F)	DB9 (F)
	Baud Rate	Adaptive, Max≤12M	Adaptive, Max≤12M
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Max Input Bytes	244 Bytes	244 Bytes
	Max Output Bytes	244 Bytes	244 Bytes
	Max Input+Output Bytes	488 Bytes	488 Bytes
	Addr. Setting	Use button set and LED display, Selecting address: 0-99	Use button set and LED display, Selecting address: 0-99
Serial Port	Operation Mode	Modbus master, Modbus server Transparent transfer mode	Modbus master, Transparent transfer mode
	Serial Type	RS485/RS232/RS422	RS485/RS232
	Connector Type	5-pin pluggable terminal , 3-pin pluggable terminal	5-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Baud Rate	300~115200bps	300~115200bps
	Modbus Function Codes Supported	Act as the master: 01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H Act as the server: 03H, 04H, 06H, 10H	Act as the master: 01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
	Connection Capability	Multiple devices with RS485, RS422 interface or one device with RS232	4 devices with RS485 interface or one device with RS232
Configuration	Configuration Software	SST-MPG-CFG	SST-MP-CFG
	Config Port	USB / RS232	USB
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC	9V~30VDC
	Consumption	< 2W	< 2W
Packaging	Material	ABS	ABS
	Size (W*H*D) mm	40*125*110 (1.6in*5in*4.33in)	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~70°C(-40~158°F)	-40~70°C(-40~158°F)
	Storage Temp.	-40~85°C(-40~185°F)	-40~85°C(-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-BM-2RS	GT200-BM-MT
		2-port Modbus RTU/BACnet IP Gateway	Modbus TCP/Bacnet IP Gateway
BACnet IP Port	BACnet IP Port	BACnet IP	BACnet IP
	Operation Mode	Server	Server
	Connector Type	RJ45	RJ45
	Baud Rate	10M/100M adaptive	10M/100M adaptive
	Number of Connection	500 BACnet BIs, AIs and MSIs; 300 BOs, BVs, AOs and AVs; 100 MSOs	500 BACnet BIs, AIs and MSIs; 300 BOs, BVs, AOs and AVs; 100 MSOs
	IP Address Conflict Detection	Available	Available
	Debugging Function	Unavailable	Unavailable
	IP Parameter Setting	Configuration Software SST-BM-CFG	Configuration Software SST-BM-CFG
Fieldbus Port	Operation Mode	Modbus RTU Master	Modbus TCP Client
	Connector Type	2 RS485/RS232	2 RJ45
	Isolation	1 kV optoelectronic isolation	Transformer
	Command	MAX≤100	MAX≤128
	Serial Parameters	Half-duplex. Baud rate:1200~230400bps. Data bits: 8. Parity: None, Odd, Even, Mark and space. Stop bits:1,2.	NA
	Modbus Function Codes Supported	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
	Site Connection	Multiple Modbus server devices	36 Modbus TCP server devices
Configuration Settings	Configuration Software	SST-BM-CFG	SST-BM-CFG
	Config Port	RJ45	RJ45
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC	11V~30VDC
	Consumption	<3W	<3W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	34*116*107 (1.33in*4.56in*4.21in)	34*116*107 (1.33in*4.56in*4.21in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~70°C (-40~158°F)	-40~70°C (-40~158°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years



Product Type		GT200-DP-CO	GT200-DP-CA
		CANopen/PROFIBUS DP Gateway	CAN/PROFIBUS DP Gateway
PROFIBUS DP Port	Operation Mode	Server	Server
	Connector Type	DB9 (F)	DB9 (F)
	Baud Rate	Adaptive, Max≤12M	Adaptive, Max≤12M
	Isolation	1kV optoelectronic isolation	1kV optoelectronic isolation
	Max Input Bytes	244Bytes	16 Bytes
	Max Output Bytes	244Bytes	16 Bytes
	Max Input+Output Bytes	488 Bytes	32 Bytes
CAN Port	Addr. Setting	Use Button setting address and LED display; Selecting address: 0-99	Use two rotary switches set and LED display; Selecting address: 0-99
	Application Layer Protocol	CANopen	CAN2.0A/CAN2.0B
	Operation Mode	Master/Server	NA
	Connector Type	5-pin pluggable terminal	5-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	1 KV optoelectronic isolation
	Debugging Functions	CANopen data	NA
	Baud Rate	50K~1Mbps	10K~1Mbps
	I / O Scanning Mode	NA	NA
Configuration	Command	TPDO, RPDO, Download SDO, Upload SDO	NA
	Connection Capability	One CANopen master device / Multiple CANopen server devices	Multiple CAN devices
	Configuration Software	SST-CP-CFG	NA
Power Requirements	Config Port	USB	NA
	Operating Systems	Windows Server, 7/8/10/11	NA
Packaging	Power Supply	9V~30VDC	9V~30VDC
	Consumption	<2.5W	<2.5W
Environmental	Material	ABS	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	40*125*110 (1.6in*5in*4.33in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Quality Warranty	Operating Temp.	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



GT200-DP-DN	GT200-DP-DM
DeviceNet/PROFIBUS DP Gateway	PRIFIBUS DP/DeviceNet Gateway
Server	Server
DB9 (F)	DB9 (F)
Adaptive, Max≤12M	Max≤12M
1kV optoelectronic isolation	2.5kV optoelectronic isolation
244Bytes	244Bytes
244Bytes	244 Bytes
488 Bytes	488 Bytes
Use two rotary switches set and LED display; Selecting address: 0-99	Use Button setting address and LED display; Selecting address: 0-99
DeviceNet	DeviceNet
Adapter	Scanner
5-pin pluggable terminal(gold-plate)	5-pin pluggable terminal
1 kV optoelectronic isolation	2.5 KV optoelectronic isolation
NA	NA
125K, 250K, 500K and automatic baud rate adaptive	125K, 250K, 500K and automatic baud rate adaptive
POLL	POLL
NA	NA
One DeviceNet master device	Multiple DeviceNet devices
Hyper Terminal	NA
RS232	USB
Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
9V~30VDC	11V~26VDC
<2.5W	<2.5W
ABS	ABS
40*125*110 (1.6in*5in*4.33in)	25*100*90 (1in*4in*3.5in)
DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
-40~60°C (-40~140°F)	-20~60°C (-4~140°F)
-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
5%-95% RH non-condensing	5%-95% RH non-condensing
3 years	3 years



Product Type		GT200-HT-DP	GT200-HT-RS
		HART/PROFIBUS DP Gateway	HART/Modbus Serial Gateway
Fieldbus and Industrial Ethernet Port	Operation Mode	PROFIBUS DP Server	
	Connector Type	DB9 (F)	
	Baud Rate	Adaptive, Max≤12M	
	Isolation	1 kV optoelectronic isolation	
	Max Input Bytes	244 Bytes	
	Max Output Bytes	244 Bytes	
	Max Input + Output Bytes	488 Bytes	
	Addr. Setting	Button set and LED display, Selecting address:0-99	
Serial Port	Operation Mode	Modbus server, User Config mode	Modbus server, User Config mode
	Serial Type	RS485/RS232/RS422	RS485/RS232/RS422
	Connector Type	5-pin and 3-pin pluggable terminal	5-pin and 3-pin pluggable terminal
	Isolation	1kV optoelectronic isolation	1kV optoelectronic isolation
	Baud Rate	300~115200bps	300~115200bps
	Modbus Function Codes Supported	Act as the server: 03H, 04H, 06H, 10H	Act as the server: 03H, 04H, 06H, 10H
HART Port	Operation Mode	Primary Master or Secondary Master	Primary Master or Secondary Master
	Interface Type	3 -pin pluggable terminal	3 -pin pluggable terminal
	Command	Universal and special commands	Universal and special commands
	Maximum number of commands	128	128
	Sampling Resistor	Using the switch to select the internal or external sampling resistor, Internal resistance 270Ω, 2W	Using the switch to select the internal or external sampling resistor, Internal resistance 270Ω, 2W
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
Configuration Settings	Configuration Software	SST-HT-CFG	SST-HT-CFG
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC	9V~30VDC
	Consumption	<2.5W	<2.5W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	40*125*110 (1.6in*5in*4.33in)	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~60°C (-40~140°F)	-40~60°C (-40~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years



GT200-3HT-RS	GT200-HT-MT	GT200-3HT-MT
3-channel HART/Modbus Serial Gateway	HART/Modbus TCP Gateway	3-channel HART/Modbus TCP Gateway
	Modbus TCP Server	Modbus TCP Server
	RJ45	RJ45
	10M/100M adaptive	10M/100M adaptive
	Transformer	Transformer
	Unlimited	Unlimited
	Unlimited	Unlimited
	Unlimited	Unlimited
	Max≤36 Connections to Modbus TCP	Max≤36 Connections to Modbus TCP
Modbus server, User Config mode		
RS485		
5-pin and 3-pin pluggable terminal		
1kV electromagnetic isolation		
300~115200bps		
Act as the server: 03H ,04H, 06H, 10H		
Primary Master or Secondary Master	Primary Master or Secondary Master	Primary Master or Secondary Master
3-pin pluggable terminal/ 3 channels	3-pin pluggable terminal	3-pin pluggable terminal/ 3 channels
Universal and special commands	Universal and special commands	Universal and special commands
128	128	128
Using the switch to select the internal or external sampling resistor, Internal resistance 270Ω, 2W	Using the switch to select the internal or external sampling resistor, Internal resistance 270Ω, 2W	Using the switch to select the internal or external sampling resistor, Internal resistance 270Ω, 2W
1 kV optoelectronic isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
SST-HE-CFG	SST-HE-CFG	SST-HE-CFG
Windows Server, 7/8/10/11	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
9V~30VDC	9V~30VDC	9V~30VDC
<2.5W	<4W	<4W
ABS	ABS	ABS
40*125*110 (1.6in*5in*4.33in)	40*125*110 (1.6in*5in*4.33in)	40*125*110 (1.6in*5in*4.33in)
DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
-40~60°C (-40~140°F)	-40~60°C (-40~140°F)	-40~60°C (-40~140°F)
-40~85°C (-40~185°F)	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
5%-95% RH non-condensing	5%-95% RH non-condensing	5%-95% RH non-condensing
3 years	3 years	3 years



Product Type		GT200-HT-EI
		HART/EtherNet/IP Gateway
Ethernet Port	Communication Protocol	EtherNet/IP
	Operation Mode	Adapter
	Number of Ports	One
	Connector Type	RJ45
	Baud Rate	10/100M Adaptive
	Number of Connection	One
	Max Input Bytes	256 Bytes
	Max Output Bytes	256 Bytes
	Max Input + Output Bytes	512 Bytes
	IP Setting	Configuration Software SST-HI-CFG
HART Port	Operation Mode	Primary Master or Secondary Master
	Connector Type	3 -pin pluggable terminal
	Command	Universal and special commands
	Maximum Number of Commands	128
	Sampling Resistor	Using the switch to select the internal or external sampling resistor, Internal resistance 270Ω, 2W
	Isolation	1 kV optoelectronic isolation
Configuration Settings	Configuration Software	SST-HI-CFG
	Operating Systems	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC
	Consumption	<2.5W
Packaging	Material	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~60°C (-40~140°F)
	Storage Temp.	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing
Quality Warranty		3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-CO-RS	GT100-CO-RS
		Modbus/CANopen Gateway	Modbus/CANopen Gateway
Serial Port	Operating Mode	Modbus Master/Modbus Server	Modbus Master/Modbus Server
	Serial Type	RS485/RS232/RS422	RS485/RS232/RS422
	Connector Type	3-pin/5-pin pluggable terminal	3-pin/5-pin pluggable terminal
	Baud Rate	1200~115200bps	1200~115200bps
	Max Input Bytes	512 Bytes	512 Bytes
	Max Output Bytes	512 Bytes	512 Bytes
	Max Input + Output Bytes	1024 Bytes	1024 Bytes
	Modbus Function Codes Supported	01H,02H,03H,04H,05H,06H,0FH,10H	01H,02H,03H,04H,05H,06H,0FH,10H
	Site Connection	One Modbus master device Multiple Modbus server devices	One Modbus master device Multiple Modbus server devices
CAN Port	Application layer Protocol	CANopen	CANopen
	Operation Mode	Master/Server	Master/Server
	Connector Type	5-pin pluggable terminal	5-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Baud Rate	5K~1Mbps	5K~1Mbps
	Command	TPDO, RPDO, Download SDO, Upload SDO	TPDO, RPDO, Download SDO, Upload SDO
	Connection Capability	One CANopen master device Multiple CANopen server devices	One CANopen master device One CANopen server device
Configuration Settings	Configuration Software	SST-CM-CFG	SST-CM-CFG
	Config Port	USB	USB
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC	9V~30VDC
	Consumption	<2.5W	<2.5W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~60°C (-40~140°F)	-40~60°C (-40~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years



Product Type		GT200-PN-3RS	GT200-PN-RS
		Universal Serial/PROFINET IO Gateway	Universal Serial/PROFINET IO Gateway
Ethernet Port	Communication Protocol	PROFINET IO	PROFINET IO
	Operation Mode	Device	Device
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch	2 RJ45 ports with same MAC ID and built-in Switch
	Connector Type	RJ45	RJ45
	Isolation	Transformer	Transformer
	Baud Rate	10/100M Adaptive	10/100M Adaptive
	Number of Connection	One	One
	Automatically routed to the serial port	Available	Available
	IP Setting	Configuration Software SST-TS-CFG	Configuration Software SST-TS-CFG
Serial Port	Communication Protocol	Modbus master, Modbus server, User config mode	Modbus master, Modbus server, User config mode
	Operation Mode	Master	Master
	Number of Ports	Three	Two
	Connector Type	3-pin pluggable terminal	3-pin pluggable terminal
	Isolation	3 kV optoelectronic isolation	3kV optoelectronic isolation
	Serial Parameters	Baud rate 300~115200 bps	Baud rate 300~115200 bps
	Modbus Function Codes Supported	Act as the master: 01H, 02H, 03H, 04H, 05H, 0FH, 10H Act as the server: 03H, 04H, 06H, 10H	Act as the master: 01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H Act as the server: 03H, 04H, 06H, 10H
	Configuration Capability	Multiple devices with RS485 interface	Four devices with RS485 interface or one device with RS232
Configuration Settings	Configuration Software	SST-TS-CFG	SST-TS-CFG
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	11V~30VDC	11V~30VDC
	Consumption	<6W	<6W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	34*116*107 (1.33in*4.56in*4.21in)	34*116*107 (1.33in*4.56in*4.21in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-DN-RS
		Modbus/DeviceNet Gateway
Serial Port	Operation Mode	Modbus Master
	Serial Type	RS485/RS232
	Connector Type	5-pin terminal, 3-pin terminal
	Baud Rate	300~115200bps
	Max Input Bytes	160 Bytes
	Max Output Bytes	112 Bytes
	Max Input+Output Bytes	240 Bytes
	Modbus Function Codes Supported	01H,02H,03H,04H,05H,06H,0FH,10H
DeviceNet Port	Site Connection	Multiple devices with Modbus slave interface
	Application Layer Protocol	DeviceNet
	Operation Mode	Adapter
	Connector Type	5-pin pluggable terminal(gold-plate)
	Isolation	1 kV optoelectronic isolation
	Debugging Functions	Modbus communication
	Baud Rate	125K,250K,500K and automatic baud rate adaptive
	I / O Scanning Mode	POLL
Configuration Settings	Connection Capability	One DeviceNet master
	Configuration Software	SST-MD-CFG
	Config Port	RS232
Power Requirements	Operating Systems	Windows Server, 7/8/10/11
	Power Supply	9V~30VDC
Packaging	Consumption	< 2W
	Material	ABS
	Size (W*H*D) mm	40*125*110 (1.6in*5in*4.33in)
Environmental	Installation	DIN Rail Mounting (35mm)
	Operating Temp.	-40~70°C(-40~158°F)
	Storage Temp.	-40~85°C(-40~185°F)
Quality Warranty	Rel. Humidity	5%-95% RH non-condensing
		3 years



Product Type		GT100-EI-RS	GT200-EI-2RS485
		Modbus/EtherNet/IP Adapter	Modbus/EtherNet/IP Gateway
Ethernet Port	Communication Protocol	EtherNet/IP	EtherNet/IP
	Operation Mode	Adapter	Adapter
	Number of Ports	One	One
	Connector Type	RJ45	RJ45
	Isolation	Transformer	Transformer
	Baud Rate	10/100M Adaptive	10/100M Adaptive
	Number of Connection	One	One
	Automatically routed to the serial port	Available	Available
	IP Setting	Configuration Software SST-MI-CFG	Configuration Software SST-GT-CFG
Serial Port	Communication Protocol	Modbus master, Transparent transfer mode	Modbus master
	Operation Mode	Master	Master
	Number of Ports	One	Two
	Connector Type	5-pin pluggable terminal	3-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Serial Parameters	Baud rate 300~115200 bps	Baud rate 300~115200 bps
	Modbus Function Codes Supported	Act as the master: 01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H	Act as the master: 01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
	Configuration Capability	Multiple devices with RS485 interface or one device with RS232	Multiple devices with RS485 interface
Configuration Settings	Configuration Software	SST-MI-CFG	SST-GT-CFG
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC	9V~30VDC
	Consumption	<2.5W	<2.5W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	34*116*107 (1.33in*4.56in*4.21in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~70°C (-40~158°F)	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-MT-RS485	GT200-MT-RS232
		Modbus Serial/TCP Gateway	Modbus Serial/TCP Gateway
Ethernet Port	Communication Protocol	Modbus TCP	
	Operating Mode	Client/Server	
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch	
	Connector Type	RJ45	
	Isolation	Transformer	
	Baud Rate	10/100M Adaptive	
	Number of Connection	MAX TCP/IP connections ≤12	
	Automatically routed to the serial port	NA	
	IP Setting	Configuration Software SST-MT-CFG	
Serial Port	Communication Protocol	Modbus RTU/ASCII	
	Operation Mode	Master/Server	
	Number of Ports	One	
	Connector Type	RS485 3-pin pluggable terminal	RS232 3-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	
	Serial Parameters	Half-duplex, baud rate 1200~230400bps	
	Modbus Function Codes Supported	All Modbus function codes	
Configuration Settings	Configuration Software	SST-MT-CFG	
	Operating Systems	Windows Server, 7/8/10/11	
Power Requirements	Power Supply	9V ~ 30VDC	
	Consumption	<3.2W	
Packaging	Material	ABS	
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	
	Installation	DIN Rail Mounting (35mm)	
Environmental	Operating Temp.	-40~70°C (-40~158°F)	
	Storage Temp.	-40~85°C (-40~185°F)	
	Rel. Humidity	5%-95% RH non-condensing	
Quality Warranty		3 years	



Product Type		GT200-MT-2RS485	GT200-MT-2RS232
		Modbus Serial/TCP Gateway	Modbus Serial/TCP Gateway
Ethernet Port	Communication Protocol	Modbus TCP	
	Operation Mode	Client/Server	
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch	
	Connector Type	RJ45	
	Isolation	Transformer	
	Baud Rate	10/100M Adaptive	
	Number of Connection	MAX TCP/IP connections ≤ 8	
	Automatically routed to the serial port	Available	
	IP Setting	Configuration Software SST-MT-CFG	
Serial Port	Communication Protocol	Modbus RTU/ASCII	
	Operation Mode	Master/Server	
	Number of Ports	Two	
	Connector Type	2-RS485 3-pin pluggable terminal	2-RS232 3-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	
	Serial Parameters	Half-duplex, baud rate 1200~230400bps	
	Modbus Function Codes Supported	All Modbus function codes	
Configuration Settings	Configuration Software	SST-MT-CFG	
	Operating Systems	Windows Server, 7/8/10/11	
Power Requirements	Power Supply	9V~30VDC	
	Consumption	<3.2W	
Packaging	Material	ABS	
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	
	Installation	DIN Rail Mounting (35mm)	
Environmental	Operating Temp.	-40~70°C (-40~158°F)	
	Storage Temp.	-40~85°C (-40~185°F)	
	Rel. Humidity	5%-95% RH non-condensing	
Quality Warranty		3 years	

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-MT-2RS
		Modbus Serial/TCP Gateway
Ethernet Port	Communication Protocol	Modbus TCP
	Operation Mode	Client/Server
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch
	Connector Type	RJ45
	Isolation	Transformer
	Baud Rate	10/100M Adaptive
	Number of Connection	MAX TCP/IP connections ≤8
	Automatically routed to the serial port	Available
	IP Setting	Configuration Software SST-MT-CFG
Serial Port	Communication Protocol	Modbus RTU/ASCII
	Operation Mode	Master/Server
	Number of Ports	Two
	Connector Type	RS485/RS232 3-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation
	Serial Parameters	Half-duplex, baud rate 1200~230400bps
	Modbus Function Codes Supported	All Modbus function codes
Configuration Settings	Configuration Software	SST-MT-CFG
	Operating Systems	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC
	Consumption	<3.2W
Packaging	Material	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~70°C (-40~158°F)
	Storage Temp.	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing
Quality Warranty		3 years



Product Type		GT200-DP-MT	GT200-DP-EI
		Modbus TCP/PROFIBUS DP Gateway	EtherNet/IP/PROFIBUS DP Gateway
PROFIBUS DP Port	Operation Mode	Server	Server
	Connector Type	DB9 (F)	DB9 (F)
	Baud Rate	Adaptive, Max≤12M	Adaptive, Max≤12M
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Max Input Bytes	244 Bytes	244 Bytes
	Max Output Bytes	244 Bytes	244 Bytes
	Max Input+Output Bytes	488 Bytes	488 Bytes
	Addr. Setting	Use button set and LED display, Selecting address: 0-99	Use 2-code rotary switch, Selecting address: 0-127
Ethernet Port	Operation Mode	Modbus TCP Client/Server	EtherNet/IP Adapter
	Connector Type	RJ45	RJ45
	Number of Ports	One	One
	Isolation	Transformer	Transformer
	Baud Rate	10M/100M adaptive	10M/100M adaptive
	Modbus Function Codes Supported	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H	
	Site Connection	Act as the Client:36 Modbus TCP server devices Act as the server:36 Modbus TCP clients connections	EtherNet/IP supports three groups I/O connection at the same time
Configuration	Configuration Software	SST-EP-CFG	SST-EP-CFG
	Config Port	RJ45	RJ45
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC	11V~30VDC
	Consumption	< 2W	< 2W
Packaging	Material	ABS	ABS
	Size (W*H*D) mm	34*116*107 (1.33in*4.56in*4.21in)	40*125*110 (1.6in*5in*4.33in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~70°C(-40~158°F)	-40~70°C(-40~158°F)
	Storage Temp.	-40~85°C(-40~185°F)	-40~85°C(-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-DPM-EI
		PRIFIBUS DP(Master)/EtherNet/IP Gateway
PROFIBUS DP Port	Operation Mode	Master
	Connector Type	DB9 (F)
	Baud Rate	Adaptive, Max≤12M
	Isolation	2.5KV galvanic isolated
	Max Input Bytes	492 Bytes
	Max Output Bytes	492 Bytes
	Max Input+Output Bytes	984 Bytes
	Addr. Setting	
Ethernet Port	Operation Mode	EtherNet/IP Adapter
	Connector Type	RJ45
	Number of Ports	Two
	Isolation	Transformer
	Baud Rate	10M/100M adaptive
	Modbus Function Codes Supported	
	Site Connection	EtherNet/IP supports three groups I/O connection at the same time
Configuration	Configuration Software	SST-EPM-CFG
	Config Port	RJ45, USB/RS-232
	Operating Systems	
Power Requirements	Power Supply	11V~30VDC
	Consumption	< 4W
Packaging	Material	ABS
	Size (W*H*D) mm	34*116*107 (1.33in*4.56in*4.21in)
	Installation	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40℃~70℃(-40~158°F)
	Storage Temp.	-40℃~85℃(-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing
Quality Warranty		3 years



Product Type		GT200-PN-CO	GT100-PN-DM
		CAN/CANopen/PROFINET IO Gateway	DeviceNet/PROFINET IO Gateway
Ethernet Port	Communication Protocol	PROFINET I/O	PROFINET I/O
	Operation Mode	Device	Device
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch	2 RJ45 ports with same MAC ID and built-in Switch
	Connector Type	RJ45	RJ45
	Isolation	Transformer	Transformer
	Baud Rate	10/100M Adaptive	10/100M Adaptive
	Number of Connection	One	One
	Automatically routed to the serial port	Available	Available
CAN Port	Application Layer Protocol	CANopen, CAN 2.0A/2.0B	DeviceNet
	Operation Mode	Master/Server	Scanner/Adapter
	Number of Ports	One	One
	Connector Type	5-pin pluggable terminal	5-pin pluggable terminal
	Isolation	Built-in electrostatic protection: 15 KV ESD; Communication interface isolation: 3KV.	Built-in electrostatic protection: 15 KV ESD; Communication interface isolation: 3KV;
	Baud Rate	10K~1Mbps	125K, 250K, 500K
	I/O Scanning Mode		POLL
	Command	TPDO, RPDO, Download SDO, Upload SDO	NA
	Max Bytes	Max Input Bytes + Max Output Bytes = 768 Bytes ①Max Input Bytes =384 Bytes ②Max Output Bytes =384 Bytes	Act as the DeviceNet scanner: Max input bytes=128Bytes. Max output bytes=112Bytes Act as the DeviceNet adapter: Max input or output bytes=224Bytes.
Configuration Settings	Configuration Software	SST-CANopen-COM	SST-DNET-COM
	Config Port	RJ45	RJ45
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	11V~30VDC	11V~30VDC
	Consumption	<2.5W	<2.5W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~60°C (-40~140°F)	-40~85°C (-40~185°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years



Product Type		GT200-EI-CO	GT200-EI-CA
		CANopen/EtherNet/IP Gateway	CAN/EtherNet/IP Gateway
Ethernet Port	Communication Protocol	EtherNet/IP	EtherNet/IP
	Operation Mode	Adapter	Adapter
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch	2 RJ45 ports with same MAC ID and built-in Switch
	Connector Type	RJ45	RJ45
	Isolation	Transformer	Transformer
	Baud Rate	10/100M Adaptive	10/100M Adaptive
	Number of Connection	One	One
	IP Setting	Configuration Software SST-ECO-CFG	Configuration Software SST-EC-CFG
CAN Port	Application Layer Protocol	CANopen	CAN2.0/CAN2.0B
	Operation Mode	Master	NA
	Connector Type	5-pin pluggable terminal	5-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Debugging Functions	CANopen data	NA
	Baud Rate	10K~1Mbps	10K~1Mbps
	Command	TPDO, RPDO, Download SDO, Upload SDO	NA
	Connection Capability	Multiple CANopen server devices	Multiple CAN devices
Configuration	Configuration Software	SST-ECO-CFG	SST-EC-CFG
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	11V~30VDC	11V~30VDC
	Consumption	<2.5W	<2.5W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years



Product Type		GT200-MT-CO	GT200-MT-CA
		Modbus TCP/CANopen Gateway	EtherNet/CAN Gateway
Ethernet Port	Operation Mode	Modbus TCP Server	Modbus TCP Server, TCP Client, UDP
	Connector Type	RJ45	RJ45
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch	2 RJ45 ports with same MAC ID and built-in Switch
	Connector Type	1kV optoelectronic isolation	1kV optoelectronic isolation
	Isolation	Transformer	Transformer
	Baud Rate	10/100M Adaptive	10/100M Adaptive
	Number of Connection	MAX TCP/IP connections=8	MAX TCP/IP connections=4
	Automatically routed to the serial port	NA	NA
	IP Setting	Configuration Software SST-MTC-CFG	Configuration Software SST-EC-CFG
CAN Port	Application Layer Protocol	CANopen	CAN2.0A/CAN2.0B
	Operation Mode	Master	
	Connector Type	3-pin pluggable terminal	5-pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Debugging Functions	CANopen data	
	Baud Rate	10K~1Mbps	10K~1Mbps
	I / O Scanning Mode	NA	NA
	Command	TPDO, RPDO, Download SDO, Upload SDO	NA
	Connection Capability	One CANopen master device / Multiple CANopen server devices	NA
Configuration	Configuration Software	SST-MTC-CFG	SST-EC-CFG
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	11V~30VDC	11V~30VDC
	Consumption	<2.5W	<2.5W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-MT-DN
		Modbus TCP/DeviceNet Gateway
Ethernet Port	Operation Mode	Modbus TCP Server
	Connector Type	RJ45
	Number of Ports	2 RJ45 ports with same MAC ID and built-in Switch
	Connector Type	1kV optoelectronic isolation
	Isolation	Transformer
	Baud Rate	10/100M Adaptive
	Number of Connection	MAX TCP/IP connections=4
	Automatically routed to the serial port	NA
	IP Setting	Configuration Software SST-DNET-COM
CAN Port	Application Layer Protocol	DeviceNet
	Operation Mode	Scanner/Adapter
	Connector Type	5-pin pluggable terminal
	Isolation	1 KV optoelectronic isolation
	Debugging Functions	NA
	Baud Rate	125K, 250K, 500K
	I / O Scanning Mode	POLL
	Command	NA
	Connection Capability	One DeviceNet scanner device / Multiple DeviceNet adapter devices
Configuration	Configuration Software	SST-DNET-COM
	Operating Systems	Windows Server, 7/8/10/11
Power Requirements	Power Supply	11V~30VDC
	Consumption	<2.5W
Packaging	Material	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing
Quality Warranty		3 years



Product Type		GT100-MQ-IE	GT200-MQ-IE
		Modbus RS485/TCP to Cellular MQTT Gateway	Modbus RS485/TCP to Cellular MQTT Gateway
Ethernet Port	Operation Mode	Modbus TCP Client/Server	Modbus TCP Client/Server, EtherNet/IP Scanner
	Connector Type	RJ45	RJ45
	Baud Rate	10M/100M adaptive	10M/100M adaptive
	Number of Connection	Four	Modbus TCP: Four EtherNet/IP: One
	IP Address Conflict Detection	Available	Available
	Number of Ports	One	Two
	Debugging Function	Unavailable	Available
Serial Port	Operation Mode	Modbus RTU/ASCII Master/Server	Modbus RTU/ASCII Master/Server, DI/DO
	Connector Type	3 -pin pluggable terminal	3 -pin pluggable terminal
	Isolation	1 kV optoelectronic isolation	1 kV optoelectronic isolation
	Command	MAX≤100	MAX≤100
	Baud Rate	600~115200bps	600~115200bps
	Modbus Function Codes Supported	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
	Site Connection	Multiple Modbus server devices	Multiple Modbus server devices
IoT Port	Operation Mode	Generic MQTT	Generic MQTT
	Connector Type	eMTC/NB-IoT, GPS	4G/5G mobile network, GPS
	Max Data Points	1000 data point tags mapped to IoT	1000 data point tags mapped to IoT
	Security	TLS V1.2	SSL V3.0/TLS V1.2
	Supported Data Formats	JSON	JSON
Configuration Settings	Configuration Software	SST-MQT-CFG	SST-MQT-CFG
	Config Port	RJ45	RJ45
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	11V~30VDC	11V~30VDC
	Consumption	<2W	<2W
Packaging	Material	ABS	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)	34*116*107 (1.33in*4.56in*4.21in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years



Product Type		GT100-MQ-RS
		Modbus RS485 to WAN MQTT Gateway
Ethernet Port	Operation Mode	Generic MQTT
	Connector Type	RJ45
	Baud Rate	10M/100M adaptive
	Number of Connection	One
	IP Address Conflict Detection	Available
	Debugging Function	Available
	Max Data Points	1000 data point tags mapped to IoT
	Security	TLS V1.2
	Supported Data Formats	JSON
Fieldbus Port	Operation Mode	Modbus RTU/ASCII Master/Server
	Connector Type	1-RS485
	Isolation	1 kV optoelectronic isolation
	Command	MAX=100
	Modbus Function Codes Supported	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
	Site Connection	Multiple Modbus server devices
Configuration Settings	Configuration Software	SST-MQT-CFG
	Config Port	RJ45
	Operating Systems	Windows Server, 7/8/10/11
Power Requirements	Power Supply	11V~30VDC
	Consumption	<2W
Packaging	Material	ABS
	Size(W*H*D)mm	25*100*90 (1in*4in*3.5in)
	Installation	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-20~60℃ (-4~140°F)
	Storage Temp.	-40~85℃ (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing
Quality Warranty		3 years



Product Type		GT200-MQ-BMT
		Modbus TCP/BACnet IP to WAN MQTT Gateway
Ethernet Port	Operation Mode	BACnet IP Server
	Connector Type	RJ45
	Baud Rate	10W/100M adaptive
	Number of Connection	500 BACnet BIs, AIs and MSIs; 300 BOs, BVs, AOs and AVs; 100 MSOs and MSVs
	IP Address Conflict Detection	Available
	Debugging Function	Unavailable
	IP Parameter Setting	Configuration Software SST-BMQ-CFG
Fieldbus Port	Operation Mode	Modbus TCP Client/Server
	Connector Type	RJ45
	Isolation	Transformer
	Command	MAX≤128
	Max Data Points	
	Serial Parameters	
	Modbus Function Codes Supported	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
IoT Port	Site Connection	36 Modbus TCP server devices
	Operation Mode	Generic MQTT
	Connector Type	RJ45
	Max Data Points	3000 data point tags mapped to IoT
	Security	TLS V1.2
Configuration Settings	Supported Data Formats	JSON
	Configuration Software	SST-BMQ-CFG
	Config Port	RJ45
Power Requirements	Operating Systems	Windows Server, 7/8/10/11
	Power Supply	11V~30VDC
Packaging	Consumption	<3W
	Material	ABS
	Size(W*H*D)mm	22.5*99*114.5 (0.9in*3.9in*4.5in)
Environmental	Installation	DIN Rail Mounting (35mm)
	Operating Temp.	-40~70°C (-40~158°F)
	Storage Temp.	-40~85°C (-40~185°F)
Quality Warranty	Rel. Humidity	5%-95% RH non-condensing
		3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT200-61850-MS
		Modbus/IEC61850 Gateway
Ethernet Port	Operation Mode	IEC61850 Server
	Connector Type	RJ45
	Baud Rate	10W/100M adaptive
	Number of Connection	10
	IP Address Conflict Detection	Available
	Debugging Function	Available
	IP Parameter Setting	Configuration Software EasyConnect
Fieldbus Port	Operation Mode	Modbus RTU/ASCII Master
	Connector Type	2-RS485/RS232
	Isolation	1 kV optoelectronic isolation
	Command	
	Max Data Points	800 data point tags mapped to IEC61850
	Serial Parameters	Half-duplex. Baud rate:200~115200bps. Data bits: 8. Parity: None, Odd, Even. Stop bits:1
	Modbus Function Codes Supported	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
	Site Connection	Multiple Modbus server devices
Configuration Settings	Configuration Software	EasyConnect
	Config Port	RJ45
	Operating Systems	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC
	Consumption	<3W
Packaging	Material	ABS
	Size(W*H*D)mm	34*116*107 (1.33in*4.56in*4.21in)
	Installation	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~70°C (-40~158°F)
	Storage Temp.	-40~85°C (-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing
Quality Warranty		3 years



Product Type		GT100-IE-MPI
		EtherNet MPI Adapter
Ethernet Port	Communication Protocol	Siemens S7 TCP/IP
	Operation Mode	Server
	Number of Ports	One
	Connector Type	RJ45
	Isolation	Transformer
	Baud Rate	10/100M Adaptive
	Number of Connection	16
	Automatically routed to the serial port	Available
Serial Port	IP Setting	Web
	Communication Protocol	PPI, MPI, PROFIBUS
	Operation Mode	Master/Server
	Number of Ports	Two
	Connector Type	DB9 (M), DB9 (F)
	Isolation	1 kV optoelectronic isolation
Configuration Settings	Serial Parameters	Baud rate 9600, 19200, 45450, 93750, 187500, 500K, 1.5M bps
	Configuration Software	Web
Power Requirements	Operating Systems	Windows Server, 7/8/10/11
	Power Supply	11V~30VDC
Packaging	Consumption	<2.5W
	Material	ABS
	Size(W*H*D)mm	17*65*33 (0.67in*2.56 in*1.29in)
Environmental	Installation	Siemens S7 PLC DB9 communication port plug
	Operating Temp.	-20~60°C (-4~140°F)
	Storage Temp.	-40~85°C (-40~185°F)
Rel. Humidity		5%-95% RH non-condensing
Quality Warranty		1 year

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.



Product Type		GT300-EC-EN	GT300-EC-PN
		EtherCAT / EtherNet/IP Gateway	EtherCAT/PROFINET Gateway
EtherCAT Port	Operation Mode	Master	Master
	Connector Type	RJ45	RJ45
	Number of Ports	One	One
	Isolation	Transformer	Transformer
	Maximum EtherCAT Devices	32	32
	Device Type Connection	Single/Multi-Axis Servo, IO Coupler, Frequency Converter, etc.	Single/Multi-Axis Servo, IO Coupler, Frequency Converter, etc.
Ethernet Port	Communication Protocol	EtherNet/IP	PROFINET RT and IRT
	Operation Mode	Adapter	Device
	Number of Ports	Two	Two
	Connector Type	RJ45	RJ45
	Isolation	Transformer	Transformer
	Baud Rate	10M/100M adaptive	10M/100M adaptive
	Redundancy	Non-DLR	
	Max Input and Output Bytes	492 Bytes	1440 Bytes
Configuration	Configuration Software	SST-ECAT-COM	SST-ECAT-COM
	Config Port	RJ45	RJ45
	Operating Systems	Windows Server, 7/8/10/11	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC (24VDC)	9V~30VDC (24VDC)
	Consumption	< 2W	< 2W
Packaging	Material	ABS	ABS
	Size (W*H*D) mm	34*116*105 (1.33in*4.56in*4.13in)	34*116*105 (1.3in*4.6in*4.1in)
	Installation	DIN Rail Mounting (35mm)	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40℃~70℃(-40~158°F)	-40℃~70℃(-40~158°F)
	Storage Temp.	-40℃~85℃(-40~185°F)	-40℃~85℃(-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Quality Warranty		3 years	3 years



Product Type		GT200-PN-MT
		Modbus TCP/PROFIBUS DP Gateway
PROFINET Port	Communication Protocol	PROFINET RT and IRT
	Operation Mode	Device
	Number of Ports	Two
	Connector Type	RJ45
	Isolation	Transformer
	Baud Rate	10/100M Adaptive
	Redundancy	MRP
	Max Input and Output Bytes	1440 Bytes
Ethernet Port	Operation Mode	Modbus TCP Client/Server
	Connector Type	RJ45
	Number of Ports	Two
	Isolation	Transformer
	Baud Rate	10M/100M adaptive
	Modbus Function Codes Supported	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H, 17H
	Number of Connection	Act as the Client: 72 Modbus TCP server devices Act as the server: 72 Modbus TCP clients connections
Configuration	Configuration Software	SST-EPN-CFG
	Config Port	RJ45
	Operating Systems	Windows Server, 7/8/10/11
Power Requirements	Power Supply	9V~30VDC
	Consumption	< 2W
Packaging	Material	ABS
	Size (W*H*D) mm	34*116*105 (1.33in*4.56in*4.13in)
	Installation	DIN Rail Mounting (35mm)
Environmental	Operating Temp.	-40~70°C(-40~158°F)
	Storage Temp.	-40~85°C(-40~185°F)
	Rel. Humidity	5%-95% RH non-condensing
Quality Warranty		3 years

Notes:

Gateway means multiple devices can be connected to the network, i.e. multiple devices can be connected via gateway.

Adapter means device numbers are limited at one network, i.e. usually only one device can be connected.

Distributors Location



Note: All brands and trademarks are all registered or trademarks of their respective owner.



SST Automation

3200 E Guasti Rd, Ontario, CA 91761

Tel: (US & Canada) 909-977-2988

(International)+1 (626) 899-6290

SSTAUTOMATION.COM

Sales & Marketing: sales@sstautomation.com

Technical support: support@sstautomation.com

Statement:

Please refer to this catalog before selecting the products, only for reference.
Without the prior written authorization from the publisher, this catalog can't be
copied in any way including the scanning, copy and so on, All brands and
trademarks have been registered by this company.
Copyright ©SST Automation. All Rights Reserved.