







➤ Communication Gateway Series Products

Gateway				
Model		ASDU-LH	ASDU-LX	ASDU-L20
System Parameter	Processor	792MHz double-core Cortex-A7	ARM double-core Cortex-A7 528MHz	ARM double-core Cortex-A7 792MHz
	Memory	512M DDR3	256MB DDR3	512MB DDR3
	Storage	4GB eMMC	4GB eMMC	4GB eMMC
Port	Ethernet	8 * 10/100Mbps	4 * 10/100Mbps	
	RS232	1 * 9-pin RS232		
	RS485	12 * RS485	16 * RS485	8 * RS485
	CAN	12 * CAN2.0	-	2 * CAN2.0
	USB		1 * USB OTG	
External	TF card	Spoort	Spport	Spport
	4G GSM	Optional	Optional	Optional
Operation System		Linux 4.1		
Communiation Protocol		ModbusRTU、ModbusTCP、DL/T645、1376.1/376.1、IEC60870-101/102/103/104、MQTT、BACNET、OPC、HTTP etc. customized protocol		
Power Supply	Power	AC90~264V /DC127~370V	AC100~240V	AC90~264V /DC127~370V
	Consumption	< 20W	<25W	< 10W
Enironment	Working Temperature	-20℃~+70℃, <95%	-25℃~+70℃, <95%	-25℃~+70℃, <95%
	Storage Temperature	-40℃~+70℃, <95%	-40℃~+70℃, <95%	-40℃~+85℃, <95%
	Altitude	≤3000m		
EMC	Electrostatic Discharge Immunity	4	4	4
	EFTB Immunity	4	4	4
	Surge Immunity	4	4	4
	Power frequency magnetic field anti-interference degree	5	5	5
	RF electromagnetic field Immunity	4	4	4
	EMI Radiation	Class B	Class B	Class B
Safety	insulation Resistance	100MΩ	100MΩ	100MΩ
	Insulated and voltage resistant power supply to the casing	DC2500V	DC2500V	DC2500V
	Insulation and voltage resistant communication to the casing	DC500V	DC500V	DC500V
Insatllation		2U Rack-mounted	2U Rack-mounted	1 U Rack-mounted
Dimension (L*H*W)		483.5mm×89mm×245mm	483.5mm×88mm×257.3mm	482.6mm×44mm×245.5mm

➤ Communication Gateway Series Products

Gateway				
Model		ASDU-LS	ASDU-LE	ASDU-LE1
System Parameter	Processor	ARM Cortex-A7 528MHz	ARM Cortex-A7 1.1GHz	ARM Cortex-A7 1.1GHz
	Memory	DDR3 256MB	DDR2 64MB	DDR2 64MB
	Storage	eMMC 4GB	Nand Flash 265M	Nand Flash 265M
Port	Ethernet	2 *10/100Mbps	1 * 10/100Mbps	1 * 10/100Mbps
	RS232	-	2 * RS232 2 * RS485 Alternative	1 * RS232 1* RS485 Alternative
	RS485	4 * RS485		
	CAN	1 * CAN2.0	-	-
	USB	1 * USB OTG	1 * USB OTG+1 * HOST	
External	TF Card	Spport	Spport	
	Wireless	4G	4G/WIFI	4G/WIFI
Operation System		Linux 4.1	Linux5.10	Linux5.10
Communiation Protocol		ModbusRTU、ModbusTCP、DL/T645、1376.1/376.1、IEC60870-101/102/103/104、MQTT、BACNET、OPC、HTTP etc. customized protocol		
Power Supply	Power	DC8-36V	DC9-48V	DC9-48V
	Consumption	< 15W	<5W	<5W
Enironment	Working Temperature	-30℃~+70℃, <95%	-40~85℃,<90%	-40~85℃,<90%
	Storage Temperature	-40℃~+85℃, <95%	-40~85℃,<95%	-40~85℃,<95%
	Altitude	≤3000m		
EMC	Electrostatic Discharge Imunity	4	4	4
	EFTB Immunity	3	3	3
	Surge Immunity	3	3	3
	Power frequency magnetic field anti-interference degree	5	5	4
	RF electromagnetic field	4	4	3
	EMI Radiation	Class B	Class B	Class B
Safety	insulation Resistance	100MΩ	100MΩ	100MΩ
	Insulated and voltage resistant power supply to the casing	DC2500V	DC2500V	DC2500V
	Insulation and voltage resistant communication to the casing	DC2500V DC500V	DC500V	DC500V
Insatllation		35mm Din ratil Mounted	35mm Din ratil Mounted	35mm Din ratil Mounted
Dimension (L*H*W)		31mm×140mm×106mm	109mm×109mm×27mm	98.5mm*96mm*27mm