



&



PLC

MX600
MC8000*
MC6000
MC5000

PLC

MU400
MU300
MU200
MC700
MC280/MC200E
MC200
MC100
MC160X

IO

MR400
MC5000S

MDT
MTC/MTCW/MTCV
MTCE
MCAS
MQT

MZ800

MZ800

MX600

MX600 Series Medium PLC

MX600 ProfiNet 256 µs 99.999% 3C EtherCAT EtherNET/IP



Resolution

- 16 /250µs 64 /500us 256 /2ms 20µs

IO

- 16 16 8 8 4 4 AB

Code

- G-code

Communication

- EtherCAT

Ports

- 5 4 USB 5 1 HDM 1 DP

Protocols

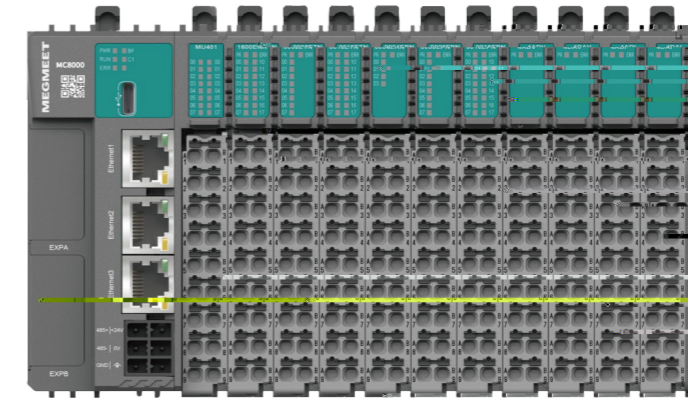
- EtherCAT OPC UA EtherNet/IP Profinet MODBUS RTU MODBUS TCP

MC8000

MC8000 Series Medium PLC

MC8000 MEGMEET mOPAX PLC IEC61131-3 LD ST SFC CFC FBD IL

EtherCAT Profinet



IO

- 32 CAN RS485 RS232

- Modbus/EtherCAT/EtherNet IP/ Profinet

Resolution

- 1ms/16 32/64 EtherCAT 16/ EtherCAT

Memory

- 10M 20M 512KB

IO

- A55

- Modbus/EtherCAT/EtherNet IP/ Profinet

- 8 200K 8 200K + AB

Resolution

- 12mm PUSH in

	MX610	MX620
	24V DC -15%~20%	
CPU	N97 2GHz 8GB DDR4 128GB SSD	I3-N305 16GB DDR4 256GB SSD
SPI FLASH	64Mbit	
	3 RS485 1 RS232	31 COM1,COM3,COM4,MODBUS 1 COM2 MODBUS-RTU
EtherCAT *2	64+64 LAN1,LAN2 256	128+128 LAN1,LAN2 512
	3 ModbusTCP / 1 EtherNet/IP /	63 / 64 32
		1 Profinet RT 3 OPC UA
IO	*8 *8 *8 *8	8 NPN/PNP 8 NPN 8 200KHZ AB 4 100KHZ 8 4 200KHZ
	4 EtherCAT 64+64 / 127 /CNC 8 3	4 EtherCAT 128+128 255 16 3
	8 IEC 61131-3 LD, ST, SFC, CFC	
	128M Byte Data, Const: 128MB N Memory: 5 MB (%MVariable)M Inputs: 128KB %I Outputs: 128KB %Q Persistern: 6MB Retain: 1MB Reset Cold	
mm	160* 55* 147	
kg	<1.3Kg	
SD		
EMC	EN61131-2 Zone B	

	MX610	MX620
IO	32 CAN RS485 RS232	A55
Protocols	Modbus/EtherCAT/EtherNet IP/ Profinet	Modbus/EtherCAT/EtherNet IP/ Profinet
Resolution	1ms/16 32/64 EtherCAT 16/ EtherCAT	8 200K 8 200K + AB
Memory	10M 20M 512KB	12mm PUSH in

MC5000

CPU						
IO						
MC5200E	:16	:16			-	:
MC5100EA	:4	200K	3	1M	:4	6
MC5101EB	:8	(4	200K)		:8	(4
MC5000E8	:16	:16			EtherCAT	8
MC5000E16	:16	:16			EtherCAT	16
MC5000E32	:16	:16			EtherCAT	32
MC5000E64	:16	:16			EtherCAT	64
MC5001EB8	:8	(4	200K)		:8	(4
MC5001EB16	:8	(4	200K)		:8	(4
MC5001EB32	:8	(4	200K)		:8	(4
MC5001EB64	:8	(4	200K)		:8	(4
MC5000EA8	:4	200K	3	1M	:4	6
MC5000EA16	:4	200K	3	1M	:4	6
MC5000EA32	:4	200K	3	1M	:4	6
MC5000EA64	:4	200K	3	1M	:4	6

MC6000&MC5000

/5000S

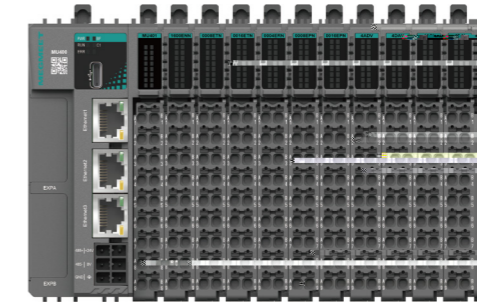
IO

MP50AC220						
100-240VAC 24V/2A AC						
IO						
MC5000-3232ETN	32	24VDC	/32			
MC5000-1616ETN	16	24VDC	/16			
MC5000-3200ENN	32	24VDC				
MC5000-0032ETN	32					
MC5000-6400ENN	64	24VDC				
MC5000-0064ETN	64					
MC5000-1600ENN-T	16	24VDC				
MC5000-0016ERN-T	16					
MC5000-0016ETN-T	16					
MC5000-3200ENN-P	32	IO				
MC5000-0032ETN-P	32	IO				
MC5000-1616ETN-PH	16	24VDC	/16	4		
MC5000-1600ENN-P	16	IO				
MC5000-0016ETN-P	16	IO				
MC5000-0016ERN-P	16					
MC5000-0014EPN-P	14					
MC5000-8PO	8	200KHZ	1	4	MC5000	
MC5000-4AD/8AD	4	8				
MC5000-4DA	4					
MC5000-4PT	4					
MC5000-4TC/8TC	4	8				
MC5000-2WT*	2					
MC5000-4DA-P	4					
MC5000-6AD-P	6					
MC5000-8TC-P	8					
IO						
MC5000S-ET	EtherCAT				EtherCAT	
MC5000S-EIP	EtherNet/IP				EtherNet/IP	
MC5000S-PN	ProfiNet				ProfiNet	
MCA05-100L	1m					
MCA05-150L	1.5m					
MCA15-40P	40PIN					

MU400

MU400 Series Small PLC

MU400 mOPAX PLC IEC-61121-3/PLCopen LD ST FBD
12mm 16



IO

- 16
 - 2
- CAN RS485 RS232

Power

- 8 200K + 8 200K AB

EtherCAT

- 2ms/4
- EtherCAT 8

Mounting

- 12mm
- PUSH in
-

					X X
MU401	8	DC24V	8	-16	4
MU402	8	DC24V	8	-8	4

105mm x 90mm x 85mm

			X X
MR400-4ADI		4	80.7mm x 15.7mm x 107mm
MR400-4ADV		4	
MR400-4DAI		4	
MR400-4DAV		4	
MR400-0004ERN		4	
MR400-0008EPN	8	PNP	
MR400-0008ETN	8	NPN	
MR400-0016EPN	16	PNP	
MR400-0016ETN	16	NPN	
MR400-0800ENN		8	
MR400-1600ENN		16	
MR400-P2000			

MU300

MU300 Series Small PLC

MU300 MEGMEET PLC CPU EtherCAT/CANopen

3C



- IO 240
- 12 2

- EtherCAT**
- 500μs, 16
 - 1*EtherCAT+2*EtherNet 32

- ARM+FPGA
- 8 200K 4 100K AB CW/CCW +

- MODBUS CAN CANopen
- EtherNet/IP USB MODBUS-TCP
- 5 Socket 20 USB

AC

					x x
MJ300-0808BTA16	8 DC24V	8	-16	4	105mm x 90mm x 85mm
MJ300-0808BTA8	8 DC24V	8	-8	4	
MJ300-1210BTA16	12 DC24V	10	-16	4	
MJ300-1210BTA8	12 DC24V	10	-8	4	
MJ300-1210BRA16	12 DC24V	10	-16		180mm x 90mm x 85mm
MJ300-1210BRA8	12 DC24V	10	-8		
MJ300-2424BTA16	24 DC24V	24	-16	8	180mm x 90mm x 85mm
MJ300-2424BTA8	24 DC24V	24	-8	8	

MU200

MU200 Series Small PLC

MU200 12 200K PLC ARM+FPGA 8 RS232/RS485/3C



- MODBUS CAN
- CANopen
- USB , MODBUS-TCP , 5
- Socket 20

- IO 272
- 12 2

- ARM+FPGA
- 12 200K 8

- C

AC

			x x
MU200-4040BTA	40 DC24V	40	246mm x 90mm x 85mm
MU200-4040BRA	40 DC24V	40	
MU200-3232BTA	32 DC24V	32	210mm x 90mm x 85mm
MU200-3232BRA	32 DC24V	32	
MU200-2424BTA	24 DC24V	24	180mm x 90mm x 85mm
MU200-2424BRA	24 DC24V	24	
MU200-1616BTA	16 DC24V	16	145mm x 90mm x 85mm
MU200-1616BRA	16 DC24V	16	

IO

MU 300/MU 200

		x	x
MJ200-0016ERN	16		
MJ200-0016ETN	16		
MJ200-1600ENN	16 DC24V		
MJ200-0808ERN	8 DC24V	8	
MJ200-0808ETN	8 DC24V	8	

60mm x 90mm x 85mm

MU 300/MU 200

		x	x
MJ200-4AD	4		
MJ200-4DA	4		
MJ200-8AD	8		
MJ200-8TC	8		
MJ200-4PT	4		

60mm x 90mm x 85mm

MU 300/MU 200

		x	x
MJE-4X	4 IO		
MJE-4Y	4 IO		
MJE-4XY	2 2 IO		
MJE-2AD	2		
MJE-2DA	2		
MJE-2AM	1		
MJE-RS232	RS232		
MJE-RS485	RS485		
MJE-CAN	CAN		

38mm x 46.4mm x 11.5mm

MC700

MC700 Series Motion Controller

MC700

EtherCat

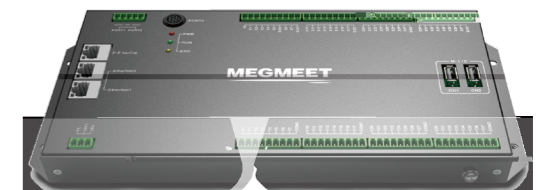
C



- EtherCat
- 6 2M 2 2M
- 6 200K 6 200K
- CAD



- 2 RS485 1 RS232 SD



- 320K C 2MByte 2MByte

		MC700P6	MC700E
	x x	260mm x 140mm x 27mm	
	Ethernet	24V	
	RS485	2	2
	RS232	1	1
10	200KHz	6 2M	4 200KHz
IO		6	6
		22	24
		22	26
		6	EtherCAT
		EIA/TIA-485	-
		2MHz	-
		AB / +	-
	EtherCAT	COE	IO 250us
			320K
	C		2Mbyte
	SD		2Mbyte
			2ms/100K
	C		2400dmips
			32
	G		
	CAD		
	C		
C		C	C

MC200

MC200 Series Small PLC

MC200



MC200-2012

- 12K
- 0.09μs

MC200-3232

- 85V~280V
-
-

MC200-4040

- 8

MC200-1616

- IO 512
- 8
- IO

MC200-4040

- MCBUS MODBUS OPC
- CAN CANopen
- Ethernet MODBUS TCP/IP

AC

		x	x
MC200-2012BRA	20 24VDC	12	158mm x 90mm x 82mm
MC200-2012BTA	20 24VDC	12	
MC200-3232BRA	32 24VDC	32	228mm x 90mm x 82mm
MC200-3232BTA	32 24VDC	32	
MC200-4040BRA	40 24VDC	40	275mm x 90mm x 82mm
MC200-4040BTA	40 24VDC	40	

IO

MC280/MC200E/MC200

		x	x
MC200-0800ENN	8 24VDC		58mm x 90mm x 82mm
MC200-1600ENN	16 24VDC		
MC200-0008ERN	8		
MC200-0008ETN	8		
MC200-0808ERN	8 24VDC	8	
MC200-0808ETN	8 24VDC	8	
MC200-0016ERN	16		158mm x 90mm x 82mm
MC200-0016ETN	16		
MC200-1616ERN	16 24VDC	16	
MC200-1616ETN	16 24VDC	16	
MC200-1616ERA	16 24VDC	16	
MC200-1616ETA	16 24VDC	16	

MC280/MC200E/MC200

		x	x
MC200-2AD MC200-4AD	2 4		58mm x 90mm x 82mm
MC200-2DA MC200-4DA	2 4		
MC200-8AD	8		
MC200-4AM	2	2	
MC200-5AM	4	1	
MC200-2TC MC200-4TC	2 4		
MC200-8TC	8		
MC200-2PT MC200-4PT	2 4		
MC200-2HC	2	200K 100K 1 20K	

MC280/MC200E/MC200

		x	x
MC200-CPM	CANopen		58mm x 90mm x 82mm
MC200-CAN	CAN		
MC200-RS485	RS485		
MC200-WEN			

MC100

MC100 Series Micro PLC

MC100

PLC 16-60



- 16K 0.3μs 4
- 6 50KHz 2 100KHz
- 8
- MCBUS MODBUS OPC

		mm		x		x	
AC							
MC100-1006BRA	10	24VDC	6	135x 90x 79.2			
MC100-1006BTA	10	24VDC	6				
MC100-1410BRA	14	24VDC	10				
MC100-1410BTA	14	24VDC	10				
MC100-1614BRA	16	24VDC	14	150x 90x 79.2			
MC100-1614BTA	16	24VDC	14				
MC100-1614BRA1	16	24VDC	14	2	1	182x 90x 79.2	
MC100-1614BTA1	16	24VDC	14	2	1		
MC100-2416BRA	24	24VDC	16	224.5x 90x 79.2			
MC100-2416BTA	24	24VDC	16				
MC100-3624BRA	36	24VDC	24	224.5x 90x 79.2			
MC100-3624BTA	36	24VDC	24				
DC							
MC100-1006BRD	10	24VDC	6	135x 90x 79.2			
MC100-1006BTD	10	24VDC	6				
MC100-1410BRD	14	24VDC	10				
MC100-1410BTD	14	24VDC	10				
MC100-1614BRD	16	24VDC	14	150x 90x 79.2			
MC100-1614BTD	16	24VDC	14				
MC100-2416BRD	24	24VDC	16	182x 90x 79.2			
MC100-2416BTD	24	24VDC	16				
MC100-3624BRD	36	24VDC	24	224.5x 90x 79.2			
MC100-3624BTD	36	24VDC	24				

		mm		x		x						
IO												
MC100-0800ENN	8	24VDC	61x 90x 73.1									
MC100-1600ENN	16	24VDC										
MC100-0008ERN	8											
MC100-0008ETN	8											
MC100-0016ERN	16											
MC100-0016ETN	16											
MC100-0808ERN	8	24VDC						8				
MC100-0808ETN	8	24VDC						8				
Analog												
MC100-2AD								61x 90x 73.1				
MC100-2DA	2											
MC100-4AD	4											
MC100-4DA	4											
MC100-5AM	4		1									
MC100-2TC	2											
MC100-4TC	4											
MC100-2PT	2											
MC100-4PT	4											
MC100-1WT	1											
MC100-2WT	2											

		mm		x		x	
PLC							
MCA200-CA10	PLC	USB	2m			USB-MiniDin8	
MCA200-CA01	PLC	RS232	2m			DB9F-MiniDin8	
MCA200-CA02	PLC	RS232	2m			DB9F-MiniDin8	
MCA200-CA17	PLC	RS485	2m	MC280	USB-MiniDin8		
MCA200-CA18	PLC	RS485	2m	MiniDin8-RS485			
MCA200-CA11	USB	RS232	2m	USB-DB9M			
MCA200-CA04	MC200		0.65m			() ()	
MCA200-CA05	MC200		2m			() ()	
MCA200-CA09	MZ600	PLC	RS232	3.5m	DB9M-MiniDin8		
MCA200-CA14	MZ600	PLC	RS232	2m	DB9M-MiniDin8		
MCA200-CA16	MZ800	PLC	RS232	8m	DB9M-MiniDin8		
MCA200-CA01	MZ800	PLC	RS232	2m	DB9M-MiniDin8		
MCA200-CA12	MC120/MC160/		2m	USB-RS485			
MCA200-CA13	/		2m	USB-RJ45			
MCA200-UDM01SL1	MCA200-UDM01		PLC	RJ45-MiniDin8			

MC5000S

I/O

MC5000S Series Remote I/O Module

MC5000S I/O MEGMEET I/O

-
-
-
- 12
-
-
-



1-12 MC5000

	MC5000S-ET	MC5000S-EIP	MC5000S-PN
		24VDC -15% ~ +20%	
x x	100mm x 34mm x 113mm	102mm x 52.2mm x 110.5mm	102mm x 52.2mm x 110.5mm
IO		12	
		0.5ms	
	EtherCAT Slave	Ethernet/IP Slave	Profinet Slave
		100Mbps	
		100M	
		1ms	
		<ul style="list-style-type: none"> • MC5000 MC6000 PLC • Beckho Siemens PLC • Mitsubishi KEYENCE Omron PLC • Codesys PLC 	

MDT

MDT Series Temperature Controller

MDT LED 50Hz/60Hz 2 2

- MtcCompanion /
-

-

		24VDC -15% ~ 20%		
		K J E N T R B		
		Pt100 JPt100 Cu100 Ni120		
		0.2% + 0.3%		
		25ms/ 100ms/8 100ms/4		
		SSR		
		ON/OFF PID PID PID		
			14	
			1/2	
		0.1s - 10s 1s - 100s		
		1/2		
		1 RS485 : MODBUS MCBUS		
		10-90% RH op-		
		2000m		
		IP20		
		IEC/EN 61326-1 For use in industrial locations CE		

MDT-01R-R	1		
MDT-01R-T	1		
MDT-01T-R	1		
MDT-01T-T	1		
MDT-02R-R	2		
MDT-02R-T	2		
MDT-02T-R	2		
MDT-02T-T	2		

MTC/MTCW/MTCV

MTC/MTCW/MTCV Series Temperature Controller

MTC/MTCW/MTCV

(1 12 16)

- MtcCompanion
- PID
-
-
-

MtcCompanion

/

PID

14

12

PLC

HMI



		24VDC -15% ~ 20%	
	K J E N T R B	Pt100 JPt100 Cu100 Ni120	
		0.2%	0.3%
	25ms/ 100ms/8 100ms/4		
	SSR		
	ON/OFF	PID	PID
	14		
IO	8		
	4		
		0.1s - 10s	1s - 100s
		4	8
MTCV			
MTC/MTCV	RS485	MODBUS	MCBUS
MTCW	RS485	RS485	MODBUS
		-20~60	-40~70
		10~90%RH	5~95%RH
		2000m	
		IP20	
IEC/EN 61326-1 For use in industrial locations UL61010-1 CE UL			

MTC

MTC-04-NT	4	(4)		
MTC-08-NT	8	(8)		
MTC-04-NTT	4	(4)	(8)	
MTC-04-NTR	4	(4) (8)	(8)	
MTC-04-NVT	4	(4) (8 0-20mA 4-20mA) (8 0-1V 0-5V 0-10V 1-5V)	(4)	

MTCW

2 RS485

MTCW-04-NTT	4	(4)	(4)	
MTCW-04-NI	4	(4 0-20mA 4-20mA)		
MTCW-04-NV	4	(4 0-1V 0-5V 0-10V 1-5V)		
MTCW-08-NN	8			
MTCW-08-NI	8	(8 0-20mA 4-20mA)		
MTCW-08-NV	8	(8 0-1V 0-5V 0-10V 1-5V)		
MTCW-08-NTT	8	(8)	(8)	
MTCW-12-NT	12	(12)		
MTCW-16-NN	16			
MTCW-08-CT	8	(8)		(8)
MTCW-08-NTD	8	(8) (8)		

MTCV

1 RS485

MTCV-16-NT	16	(16)		
MTCV-08-NT	8	(8)		

MQT

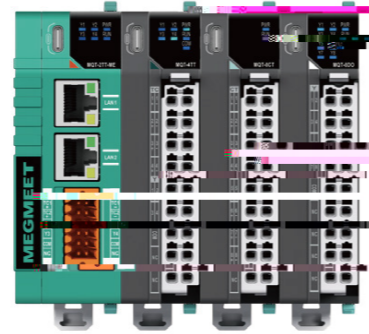
MQT Series Temperature Controller

MQT

PID



± 0.15
 0.1 PID
 PID
 PUSH IN
 CT



24VDC -15% ~ 20%	
K J E N T R B	
Pt100 JPt100 Cu100 Ni120	
0.15%	+
0.3%	
25ms/	100ms/8 100ms/4
SSR	
ON/OFF	PID PID PID
14	
8	
4	
0.1s - 10s	1s - 100s
4	8
RS485/Modbus-TCP/EtherNet/EtherCAT/Profinet	
-20~60	-40~70
10~90% RH	5~95% RH
2000m	
IP20	
IEC/EN 61326-1 For use in industrial locations CE	

MQT				
MQT-2TT-ME	2	Modbus TCP/IP/Ethernet	(4)	
MQT-2RT-ME	2	Modbus TCP/IP/Ethernet	(4)	
MQT-2TT-ET	2	EtherCAT	(4)	
MQT-2RT-ET	2	EtherCAT	(4)	
MQT-2TT-RS	2	Modbus RS485	(4)	
MQT-2RT-RS	2	Modbus RS485	(4)	
MQT-2TT-PN	2	Profinet	(4)	
MQT-2RT-PN	2	Profinet	(4)	
MQT				
MQT-4TT	4	Modbus RS485	(4)	
MQT-4TA	4	Modbus RS485	(4)	
MQT-4TR	4	Modbus RS485	(4)	
MQT-4RT	4	Modbus RS485	(4)	
MQT-4RA	4	Modbus RS485	(4)	
MQT-4RR	4	Modbus RS485	(4)	
MQT				
MQT-8DI	8	8	-	(8)
MQT-8DO	8	8	(8)	-
MQT-8CT	8	8	-	
MQT-8DM	8	4	4	(4) (4)
MQT-8AI	8	8	-	(8)
MQT-8AV	8	8	-	(8)
MQT-8AO	8	8	(8)	-

MZ800






MZ800 Series Human-Machine Interface

MZ800

PLC G

PLC

					
	MZ800-TT05SK30/31	MZ800-TT107SK30	MZ800-TT207SK30/31	MZ800-TT207SK30/31W	MZ800-TT210SK30/31
	4.3 16:9TFT LCD	7 16:9TFT LCD	7 16:9TFT LCD	7 16:9TFT LCD	10.1 16:9TFT LCD
	480x 272	800x 480	1024 x 600		
	TFT (LCD)				
T/B/L/R	50 70 70 70	50 70 70 70	30:50 70 70 70 30:85 85 85 85	85 85 85 85	85 85 85 85
	30:360/31:300	250	30:360/31:450	350	400
	24	16	24		
	4				
	600MHz ARM Cortex-A8	720MHz ARM	1.2GHz ARM Cortex-A7		
	128MB Flash+ 128MB DDR3	64MB RAM+ 128MB Flash	128MB DDR3+4GB EMMC		
RTC	30: 31:10M/100M				
SD	30: 31:				
USB	1 USB Slave 2.0 1 USB Host 2.0				
	COM1: RS232/RS485/RS422 COM3: RS232		COM1: RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232		
	5W	10W			
	DC24V		DC 9V~28V		
	5ms				
CE	EN61000-6-2:2005	EN61000-6-4:2007	RoHS	± 1KV	± 2KV 4KV 8KV
	30:-20-50 /31:-25-75	0-50			
	30:-25-60 /31:-30-80	-20-60			
	10-90%RH ()				
	10-25Hz (X Y Z 2G/30)				
	IP65 ()		IP20		
	30: 31: +				
	30:130x 104x 32 31:130x 104x 43	204 x 145 x 33.8			273 x 213 x 36
	120 x 93	192 x 138			260 x 202

					
	MZ800-TT210SK30W	MZ800-TT215SK31	MZ800-TT07SK31M	MZ800-TT210SK31M	MZ800-TT22P
	10.1 16:9TFT LCD	15.6 16:9TFT LCD	7 16:9TFT LCD	10.1 16:9TFT LCD	22 16:9TFT LCD
	1024 x 600	1920x 1080	800 x 480	1024 x 600	1920x 1080
	TFT (LCD)				
T/B/L/R	85 85 85 85	85 85 85 85	50 70 70 70	85 85 85 85	85 85 80 80
	400	250	360	400	250
	24	16	24		16
	4				
	1.2GHz ARM Cortex-A7	1G ARM Cortex-A8	600MHz ARM Cortex-A8		800MHz ARM Cortex-A8
	128MB DDR3+4GB EMMC	256MB Flash+512MB DDR3	128MFlash+128MDDR3		256MB Flash+256MB DDR3
RTC	30: 31:1 10M/100M				
SD	30: 31:1 10M/100M	2 10M/100M	10M/100M		1 10M/100M
USB	1 USB Slave 2.0 1 USB Host 2.0				
	COM1: RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232	COM3: RS232/RS485/RS422 COM2: RS485	COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232	COM1: RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232	COM1/COM2: RS232/RS485/RS422 COM3/COM4: RS232
	10W	18W	10W		20W
	DC24V	DC 9V~28V	DC24V		DC 18V~28V
	5ms				
CE	EN61000-6-2:2005	EN61000-6-4:2007	RoHS	± 1KV	± 2KV 4KV 8KV
	0-50	0-50	-20-70	-10-60	-20-70
	-20-60	-20-60	-30-80	-20-70	-20-60
	10-90%RH ()				
	10-25Hz (X Y Z 2G/30)				
	IP65 ()		IP20		
			+		+
	273 x 213 x 36	394x 256 x 36	200x 146 x 40	274 x 214 x 39	530 x 338 x 61
	260 x 202	380 x 245	192 x 138	260 x 202	502 x 302