



TGUS® Intelligent UART Display Module

TGUS® 智能串口显示模组

• Technical Parameters

System		TGUS , Instruction Sets , Secondary Development
Display LCM	Size	1.77inch-15.0inch
	Resolution	128*160,176*220,320*240 , 320*480 , 480*272 , 640*480 , 800*480 , 800*600 , 1024*600 , 1024*768,800*600
	Color	16/18bits RGB,65K/262K True Color Display
	LED Backlight	Brightness up to 1000nits
System Board	CPU	Industrial Grade ARM Processor , Reliable Performance
	Flash	128M Bytes/256M Bytes (Scalable)
Port	UART,CAN	1 Serial Port , Support TTL/RS-232/RS-485, 1 CAN (some models)
	SD Card/USB	Support TF/Micro SD Card , For Image Download, File Configuration, and some models use USB to instead of it
Peripheral Equipment	Clock/Buzzer/Touch Panel	With RTC, Buzzer and CTP/RTP optional
	Multimedia Play	Video and audio play(some models)
Electrical Source		5.5V-24V input
Customization		Both Hardware and Software could be customized

• UART Product List

Classification 类别	Size 尺寸	Model Name 型号	Resolution 分辨率	Brightness 亮度(nits)	Operating Voltage 工作电压(V)	View Angle 视角	Interface 接口形式	Remark 备注
TOP LEVEL	3.5	TU035VGH01	480*640	500	5.5~24	TN	TTL/RS232	RTP/CTP
	4.3	TU043WQS02RT	480*272	500	5.5~24	TN	TTL/RS232/RS485	with Plastic Shell
	4.3	TU043WQT01	480*272	500	5.5~24	TN	RS232/RS485	CTP/RTP
	7.0	TU070WVT01	800*480	500	5.5~24	TN	RS232/RS485	CTP/RTP
	10.4	TU104XGT01	800*600	500	5.5~24	TN	RS232/RS485	CTP/RTP
HIGH LEVEL	1.77	TU017QQH01	128*160	300	3.3	TN	TTL	
	2.0	TU020QCH02	176*220	300	5.5~24	TN	TTL/RS232	ADAS Application
	2.0	TU020QVH11	240*320	300	5	IPS	TTL/RS232	
	2.4	TU024QVH11	240*320	300	5	IPS	TTL/RS232	
	3.5	TY035QVH11	320*240	350	5.5~24	IPS	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	3.5	TU035HVVH01	320*480	300	5	TN	TTL/RS232	CTP/RTP
	4.0	TU040HDS11CT	720*720	350	5.5~24	IPS	RS485/CAN	86 BOX
	3.97	TY040WVH11	480*800	350	5.5~24	IPS	TTL/RS232/RS485	Multimedia Play
	4.3	TU043WQH01	480*272	350	5.5~24	TN	TTL/RS232/RS485	CTP/RTP
	4.3	TY043WQH01	480*272	350	5.5~24	TN/IPS	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	4.3	TY043WVH11	800*480	350	5.5~24	IPS	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	5.0	TY050WVH11	800*480	350	5.5~24	TN/IPS	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	5.0	TY050FWVH11	854*480	350	5.5~24	TN	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	5.0	TY050HDH11	720*1280	350	5.5~24	IPS	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	6.86	TY068HWXH11CT	480*1280	350	5.5~24	IPS	TTL/RS232/RS485	CTP, Multimedia Play
	7.0	TU070WVH01	800*480	350	5.5~24	TN	TTL/RS232/RS485	CTP/RTP
	7.0	TY070WSVH11	1024*600	350	5.5~24	TN/IPS	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	7.0	TY070HDH11	720*1280	350	5.5~24	IPS	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	7.0	TY070WVH01	800*480	350	5.5~24	TN	TTL/RS232/RS485	CTP/RTP ,Multimedia Play
	7.0	TU070WSVH01	1024*600	350	5.5~24	TN/IPS	TTL/RS232/RS485	CTP/RTP
	7.84	TY078HWXH11CT	400*1280	350	5.5~24	IPS	TTL/RS232/RS485	CTP, Multimedia Play
	10.1	TY101WXH11CT	800*1280	350	5.5~24	IPS	TTL/RS232/RS485	CTP, Multimedia Play
COMMERICAL	3.5	TY035QVC01	320*240	350	5	TN	TTL	CTP/RTP
	4.0	TU040HDC11	720*720	350	5	IPS	TTL	CTP
	4.3	TY043WQC01	480*272	350	5	TN	TTL	CTP/RTP
	5.0	TY050WVC01	800*480	350	5	TN	TTL	CTP/RTP
	7.0	TY070WVC01	800*480	350	5	TN	TTL	CTP/RTP
	7.0	TY070WSVC01	1024*600	350	5	TN	TTL	CTP/RTP