



yasaka

HMI CATALOG 2023

HMI Specifications



Model	YS1070C	YS1070W	YS1070H	YS1070WE	YS1100C	YS1100W	YS1100CE	YS1100WE	YS1100M	YS1156H	
Display	7"16:9 TFT LCD				10.1"16:9 TFT LCD		10.1"16:9 TFT LCD		10.1"16:9 TFT LCD	15.6"16:9 TFT LCD	
LCD viewing (T/B/L/R)	50°/70°/70°/70°	85°/85°/85°/85°			85°/85°/85°/85°				85°/85°/85°/85°		
Resolution	800×480	1024×600			1024×600				1024×600	1920×1080	
Colors	24-bit	24-bit			24-bit				24-bit	16-bit	
Brightness	350 cd/m²	350 cd/m²			400 cd/m²		400 cd/m²		400 cd/m²	250 cd/m²	
Touch Panel	4-wire industrial resistance touch screen				4-wire industrial resistance touch screen						
CPU	V2:600MHz ARM Cortex-A8 V3:1.2GHz ARM Cortex-A7				V2:600MHz ARM Cortex-A8 V3:1.2GHz ARM Cortex-A7					1G ARM Cortex-A8	
Memory	V2:128MB Flash + 128MB DDR3 V3:4GB EMMC + 128MB DDR3		V2:128MB Flash + 128MB DDR3 V3:4GB EMMC + 256MB DDR3		V2:128MB Flash + 128MB DDR3 V3:4GB EMMC + 128MB DDR3		V2:128MB Flash + 128MB DDR3 V3:4GB EMMC + 256MB DDR3			256MB Flash+512M DDR3	
Ethernet	NA		10M/100M *1		NA		10M/100M *1		10M/100M *1		
USB Port	USB Slave 2.0 *1; USB Host 2.0 *1				USB Slave 2.0 *1; USB Host 2.0 *1						
Download Project	USB Slave/U-disk		USB Slave/U-disk /Ethernet		USB Slave/U-disk		USB Slave/Udisk /Ethernet		USB Slave/U-disk /Ethernet		
Com Port	COM1: RS232/RS485/RS422 COM3: RS232	COM1:RS232/RS485/RS422 COM2: RS485 COM3: RS232			COM1: RS232/RS485/RS422 COM3: RS232		COM1:RS232/RS485/RS422 COM2: RS485 COM3: RS232		COM1:RS232/RS485/RS422 COM2: RS485/RS422 COM3: RS232		
Power Consumption	< 10W				< 10W					< 18W	
Input Power	DC24V, Working range DC 9V~28V				DC24V, Working range DC 9V~28V					DC24V, Working range DC 9V~28V	
Power Protection	Protected from thunderstrike and surging				Protected from thunderstrike and surging					Isolated power module	
Power Down Allowed	< 5mS				< 5mS						
CE&RoHS	Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity:±1KV, EFT:±2KV, ESD:4KV, Air:8KV				Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity:±1KV, EFT:±2KV, ESD:4KV, Air:8KV						
Operating Temperature	0~50℃				0~50℃				-10~60℃	0~50℃	
Storage Temperature	-20~60℃				-20~60℃						
Anti-UV	Do not work in strong ultraviolet light				Do not work in strong ultraviolet light						
Operating Humidity	10~90%RH (no condensate)				10~90%RH (no condensate)						
Vibration Endurance	10~25Hz (X,Y,Z direction 2G/30min)				10~25Hz (X,Y,Z direction 2G/30min)						
Degree of Protection	Front IP65 (with NEMA panel, Back IP20)				Front IP65 (with NEMA panel, Back IP20)						
Shell Material	Black engineering plastic	Gray engineering plastic	Black engineering plastic	Gray engineering plastic	Black engineering plastic	Gray engineering plastic	Black engineering plastic	Gray engineering plastic	Aluminum alloy		
Panel Cutout	192mm×138mm				260mm×202mm		260mm×202mm		260mm×202mm	380mm×245mm or VESA	
Dimension	204mm×145mm×33.8mm				273mm×213mm×36mm		273mm×213mm×36mm		274mm×214mm×39mm	394mm×256mm×36mm	
Weight	About 560g				About 890g		About 920g		About 1450g	About 2250g	

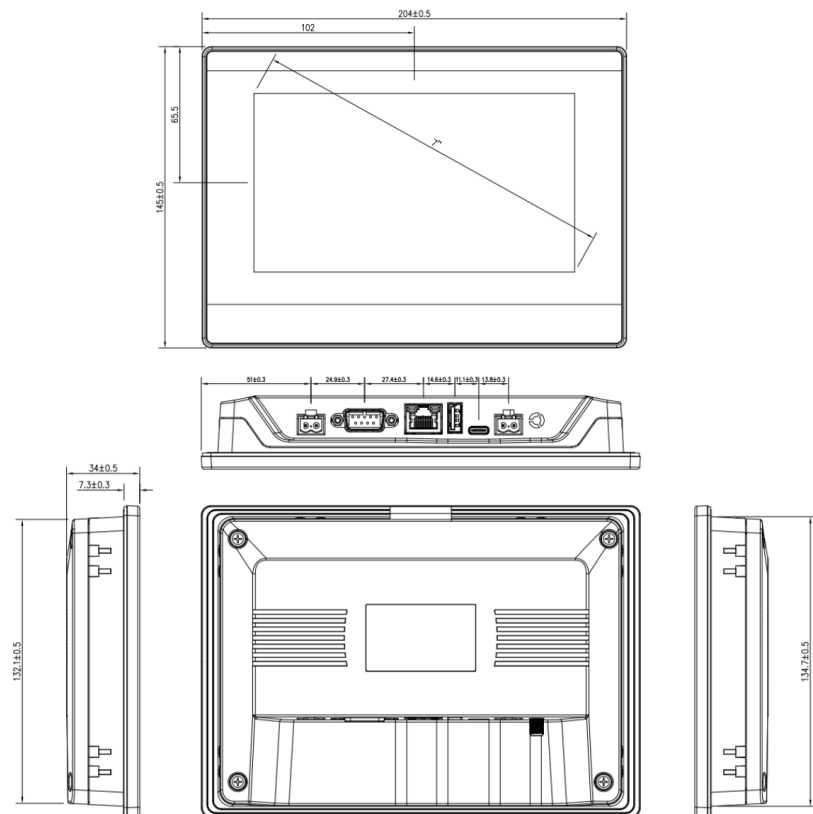
Model	YS2070C	YS2070W	YS2070WE	YS2100W	YS2100WE
Display	7" 16:9 TFT LCD	7" 16:9 TFT LCD	7" 16:9 TFT LCD	10.1"16:9 TFT LCD	
LCD viewing (T/B/L/R)	50°/70°/70°/70°	85°/85°/85°/85°	85°/85°/85°/85°	85°/85°/85°/85°	
Resolution	800x480	1024x600	1024x600	1024x600	
Colors	24bit		24-bit		
Brightness	350cd/m²		400cd/m²		
Touch Panel	4 wires resistive touch screen		4 wires resistive touch screen		
CPU	1GHz, 4-core Cortex™-A7 Processor		1GHz, 4-core Cortex™-A7 Processor		
Memory	128MB Flash + 128MB DDR3	128MB Flash + 128MB DDR3	4GB Flash + 128MB DDR3	128MB Flash + 128MB DDR3	4GB Flash + 128MB DDR3
Ethernet	NA	NA	10M/100M *1	NA	10M/100M *1
USB Port	TypeC OTG *1		TypeC OTG *1		
Download Project	USB Slave/U-disk		USB Slave/Udisk		
COM Port	COM1: RS232/RS485/RS422 COM3: RS232	COM1: RS232/RS485/RS422 COM2: RS485 COM3: RS232	COM1: RS232/RS485/RS422 COM2: RS485 COM3: RS232		
Power Consumption	<10W		<10W		
Input Power	DC24V, working range DC 9V~28V		DC24V, working range DC 9V~28V		
Power Protection	Protected from thunder strike and surging		Protected from thunder strike and surging		
Power Down Allowed	<5mS		<5mS		
CE&RoHS	Complied with EN61000-6-2:2005, EN61000-6-4:2007,		RoHS, Surge Immunity:±1KV, EFT:±2KV,ESD:4KV, Air:8KV		
Operating Temperature	0~50℃		0~50℃		
Storage Temperature	-20~60℃		-20~60℃		
AntiUV	Do not work in strong ultraviolet light		Do not work in strong ultraviolet light		
Operating Humidity	10~90%RH (No condensation)		10~90%RH (No condensation)		
Vibration Endurance	10~25Hz(X,Y,Z direction 2G/30 minutes)		10~25Hz(X,Y,Z direction 2G/30 minutes)		
Degree of protection	Front IP65(with NEMA panel),Back IP20		Front IP65(with NEMA panel),Back IP20		
Shell Material	Engineering plastic		Engineering plastic		
Panel Cutout	190mm×136mm		190mm×136mm	260mm×202mm	
Dimension	204mm×145mm×34mm		204mm×145mm×34mm	273mm×213mm×36mm	
Weight	About476g	About 468g	About 472g	About890g	About 920g

HMI Dimensions

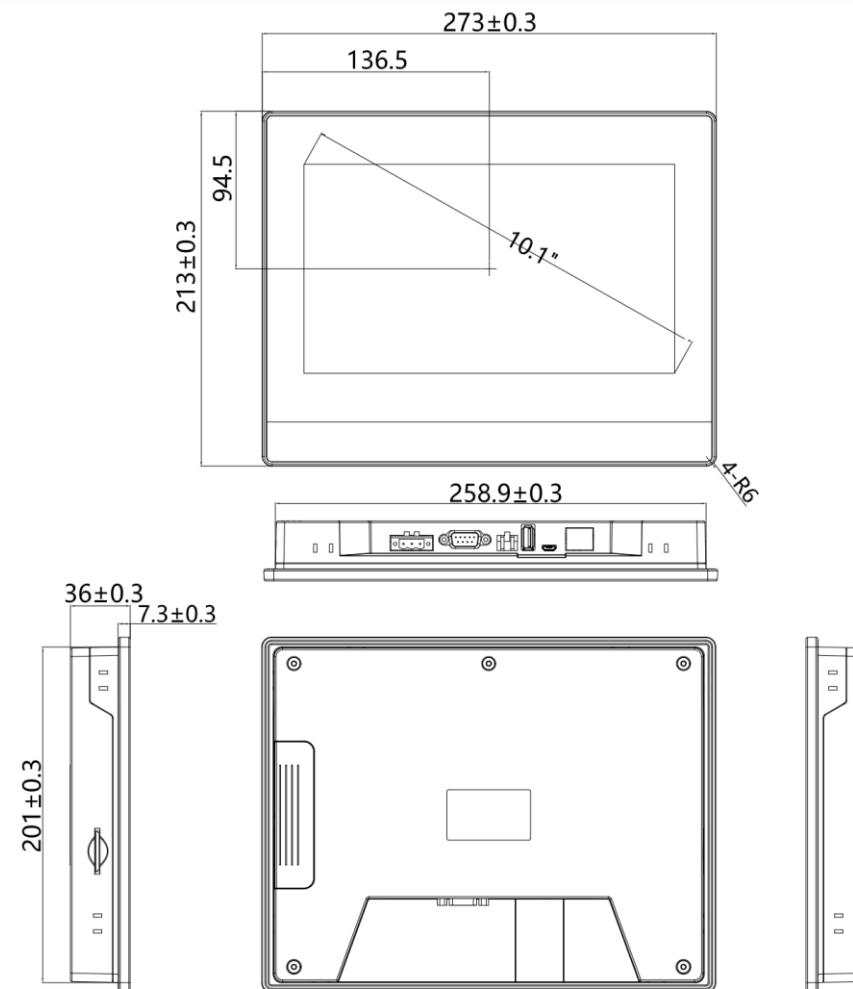
Unit: mm



YS1070C/YS1070W/YS1070H/YS1070WE



YS1100C/YS1100W/YS1100CE/YS1100WE/YS1100M

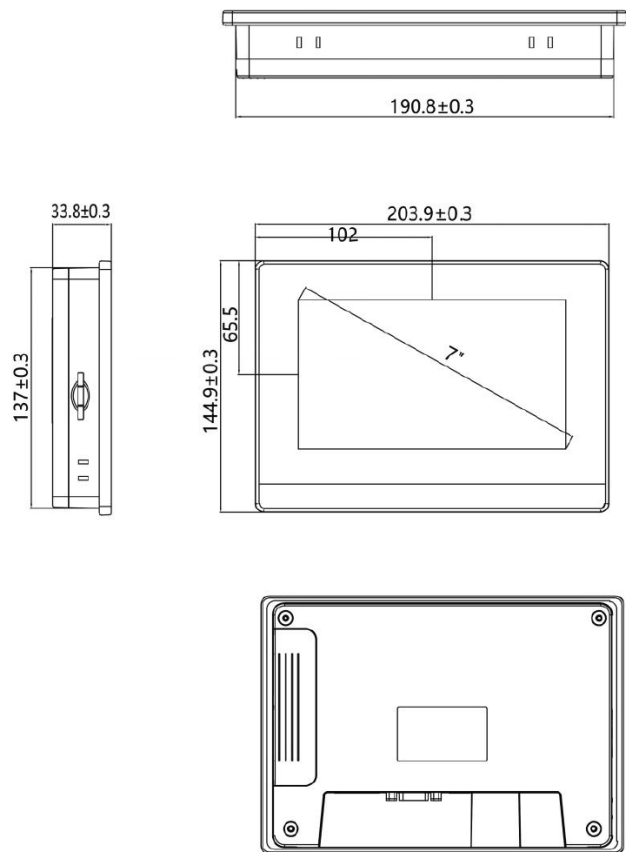


HMI Dimensions

Unit: mm



YS2070C/YS2070W/YS2070WE



YS2100W/YS2100WE

