













3.1. TK Color Touchscreen HMI

Model		TK6037FH	TK6043FH	TK6050FH	TK6070FH	TK6100FH	TK6150FH
Image	Front						
	Rear						
Specs	Dimension	88*88*25mm	134*102*34mm	151*96*36mm	200*146*36mm	275*194*36mm	386*300*40mm
	Cutout size	72*72mm	120*94mm	143*86mm	192*138mm	262*180mm	366*280mm
	Display size	73*56mm	97*56mm	108*65mm	154*87mm	222*125mm	305*229mm
	Weight(kg)	Approx. 0.3 kg	Approx. 0.33 kg	Approx. 0.33 kg	Approx. 0.54 kg	Approx. 0.7 kg	Approx. 3.3 kg
Display	Display	3.5" TFT	4.3" TFT	5" TFT	7.0" TFT	10.1" TFT	15" TFT
	Resolution (pixels)	320*240	480*272	800*480	Standard: 800*480 Optional: 1024*600 (Model: TK6070HD)	1024*600	1024*768
	Brightness	300cd/m ²	400cd/m ²	300cd/m ²			450cd/m ²
	Contrast ratio	400:1					
	Backlight	LED					
	Backlight time	60,000 hours					
	Display color	65536 colors					
Touch type	4-wire resistive panel						
Storage	ROM	NOR Flash 8MB		NOR Flash 16MB			
	RAM	64MB (HMI when stores historical data, optional ferroelectric is required)					
	CPU	32bit CPU 408MHz					
Interface	Download port	Type-C, RS232, RS485			Type-B, RS232, RS485	Type-C, RS232, RS485	
	COM port	1 RS232, 1 RS485					
	Optional	NULL	1 WIFI (occupy default RS485 port)				
	Protocol	RS232/RS485 supports MODBUS, free port and common PLC communication Protocol					
Calendar	Yes						
Input Voltage	12-24VDC±10%<150mA @ 24VDC						
Consumption	42mA/24V	72mA/24V	85mA/24V	107mA/24V	145mA/24V	400mA/24V	
Protection Class	IP65 (front panel)						
Temperature	Ambient environment: 0~50°C Storage environment: -20~70°C						
Humidity	20%~90% RH						
Certification	CE					NULL	
Software	CoolMay mView HMI programming software Detailed info. refer to Coolmay TK Series HMI Programming Manual CoolMay TK HMI User Manual						