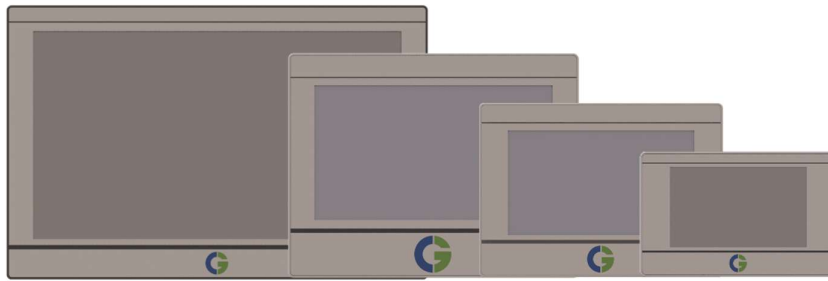


# HMI Technical Datasheet



Models		HMI040-0D	HMI070-ED	HMI070-0D	HMI100-ED	HMI100-0D	HMI150-ED
Display	Display size	4.3"	7"		10.2"		15.6"
	Resolution (pixels)	480x272	800x480		1024x600		1920x1080
	Touch panel	4-wire high precision touch panel					
	Backlight module	LED					
	Display colour	16.77 million					
	Contrast ratio	400:1					
	Brightness (cd/m <sup>2</sup> )	400	450		450		300
Power suppl	Power supply	12-24 VDC (±15%)					
	Power consumption	3W	4W		7W		10W
Product Characteristics	Memory	128MB DDR3					256MB DDR3
	Central processor	CortexA7 1GHz dual core					CortexA7 1.2GHz
	FCC compatibility	Conform to FCC and Class A					
	Withstand voltage test	1000 VAC, 1min					
	IP rating (front panel)	IP65					
	CE certification	EN55032 and EN55035 standards					
	Shell materials	ABS+PC					Aluminium alloy galvanized sheet
Interfaces	Serial Interface	COM1: RS232; COM2: 422/485					COM1: RS232; COM2: 422/485; COM3: 485
	USB download port	✓	✓	✓	✓	✓	✓
	USB flash disk port	✓	✓	✓	✓	✓	✓
	Ethernet Port	x	✓	x	✓	x	✓
Structure	Overall dimension (W*H*D) (mm)	139*86*31	203*145*35		273*211*44		395*257*31
	Net weight (kg)	0.2	0.7		1.05		2.3
Programming software		EmoSmart+					
Environment	Temperature	-20°C to 55°C (no freezing)					
	Humidity	5-95%RH (no condensation)					
	Shock resistance intensity	10-25 Hz (XYZ direction: 2G/30 min)					