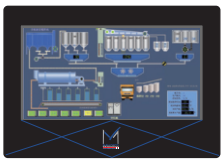
Touch screen HMI series

HMI series

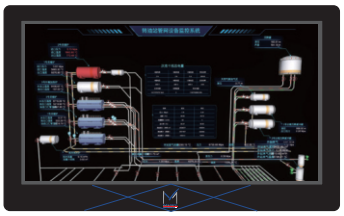
Product Systems



MDHM10



MDHM20



MDHM30

1 High hardware, achieve higher performance

CPU	Internal memory	Memorizer	Hue	Capacity
ARM9 kernel	128MB/64MB	128MB	16.77 million colors	400 Power-off protection

2 Download, start, and run the trinity of ultra-fast response

Download

USB high-speed data transmission, greatly reduce program download time, easy to debug.

Start

Greatly increase startup speed and reduce waiting time.

Run

Screen switch, animation effect more

Suitable for many occasions



For special occasions



Suitable for basic occasions

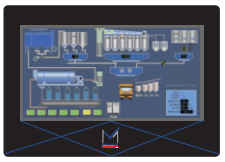


HM Series - High Performance HMI Series - for each of your devices!

The new HM series HMI

- 600MHz High performance CPU
- Support the expansion of the Internet of Things
- Smooth operation to ensure site stability





1 High performance processor

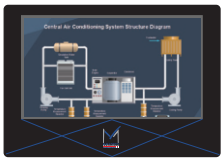
Adopt ARM processor
Expandable U disk storage.

2 High efficiency system

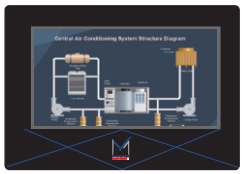
The multitasking mechanism greatly improves the system response speed and makes the operation more efficient and fast.

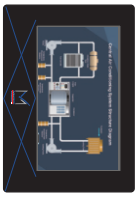
3 Multi-direction installation

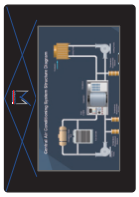
Support four directions free installation, can meet the needs of different occasions.



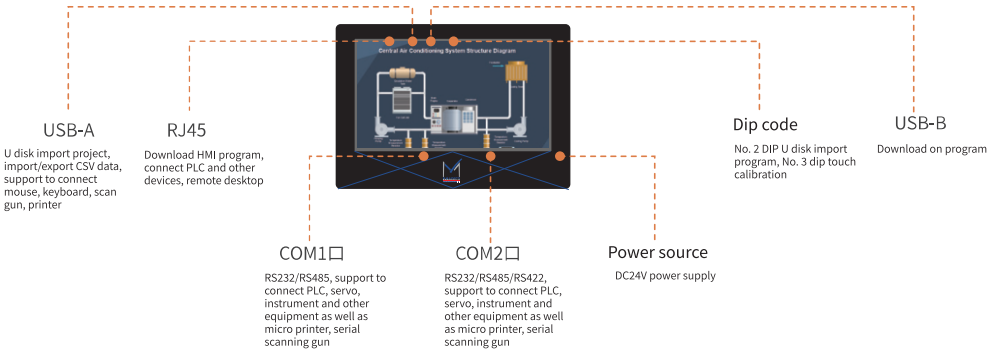
Horizontal - Normal display





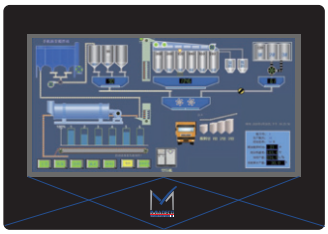


4 Rich device connections



MDHM10

- It adopts Cortex-A8 processor, the main frequency is 600NHz, and the internal memory is 128M
- Rich function, suitable for many occasions
- Better sealing, better protection against dust, water vapor and debris
- Product structure conforms to lightweight design, lighter and thinner

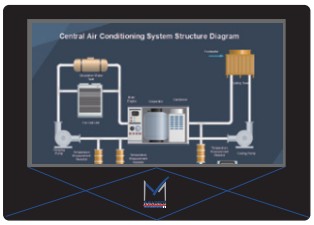


Product specification

	Hardware version	Version: 2.0	Version：3.X
Hardware parameter	Display screen	7 "16:9TFTLCD screen	
	Resolution	1024x600	
	hue	24-bit	
	luminance	350cd/m²	
	backlight	LED	
	LCD life	50,000 hours	
	Touch screen	4-wire industrial resistance touch screen	
	CPU	600MHz ARM Cortex-A8	Quadrinucleus 1.2GHz ARM Cortex-A7
	memorizer	128M DDR3+128MFlash	256MB DDR3+4GB EMMC
	RTC	Real-time clock built-in	
	Ethernet	1 route 10M/100M adaptive	
	SD card	support	
	USB port	1 USB Slave 2.0 port; One USB Host 2.0 port	
	Program download mode	USB Slave/ USB flash drive/Ethernet	
	Serial communication port	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232	
	Liquid crystal viewing Angle (T/B/L/R)	85'/85'/85'/85'	
Electrical specification	Rated power	<10W	
	Rated voltage Power supply protection	DC24V, working range DC9V~28V with lightning surge protection	
	Allowable loss of power	<5mS	

MDHM20

- It adopts Cortex-A8 processor, the main frequency is 600NHz, and the internal memory is 128M
- Rich function, suitable for many occasions
- Better sealing, better protection against dust, water vapor and debris
- Product structure conforms to lightweight design, lighter and thinner

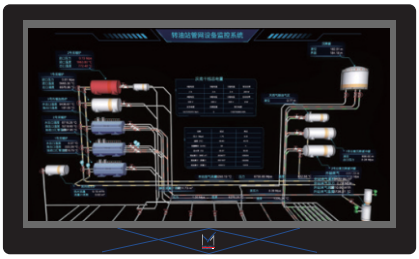


Product specification

	Hardware version	Version: 2.0	Version：3.X
Hardware parameter	Display screen	10.1 "16:9TFTLCD screen	
	Resolution	1024x600	
	hue	24-bit	
	luminance	400cd/m²	
	backlight	LED	
	LCD life	50,000 hours	
	Touch screen	4-wire industrial resistance touch screen	
	CPU	600MHz ARM Cortex-A8	Quadrinucleus 1.2GHz ARM Cortex-A7
	memorizer	128M DDR3+128MFlash	256MB DDR3+4GB EMMC
	RTC	Real-time clock built-in	
	Ethernet	1 route 10M/100M adaptive	
	SD card	support	
	USB port	1 USB Slave 2.0 port; One USB Host 2.0 port	
	Program download mode	USB Slave/ USB flash drive/Ethernet	
	Serial communication port	COM1:RS232/RS485/RS422 COM2:RS485 COM3:RS232	
	Liquid crystal viewing Angle (T/B/L/R)	85'/85'/85'/85'	
Electrical specification	Rated power	<10W	
	Rated voltage Power supply protection	DC24V, working range DC9V~28V with lightning surge protection	
	Allowable loss of power	<5mS	

MDHM30

- It adopts Cortex-A8 processor, the main frequency is 600NHz, and the internal memory is 128M
- Rich function, suitable for many occasions
- Better sealing, better protection against dust, water vapor and debris
- Product structure conforms to lightweight design, lighter and thinner



Product specification

Hardware parameter	Display screen	15.6” 16:9 TFT LCD
	Liquid crystal viewing Angle (T/B/L/R)	85'/85'/85'/85'
	Resolution	1920×1080
	Hue	65K
	luminance	250 cd/m²
	Backlight	LED
	LCD life	50,000 hours
	Touch screen	4-wire industrial resistance touch screen
	CPU	1G ARM Cortex-A8
	Memorizer	256MB FLASH+512MB DDR3
	RTC	Real-time clock built-in
	SD card	Micro sD(TF) card
	Ethernet	2 channels 10M/100M adaptive
	USB port	1 USB Slave 2.0 port; One USB Host2.0 port
	Program download mode	USB Slave/ USB flash drive/Ethernet
	Serial communication port	COM1/COM3：RS232/RS485/RS422； COM2：RS485/RS422
Electrical specification	Rated power	< 18 W
	Rated voltage	DC24V, can work DC18V~28V
	Power supply protection	Adopts power isolation module, with lightning surge protection
	Allowable loss of power	< 5mS
	CE & RoHS	In accordance with EN610006-2:2005, EN610006-4:2007 standards Comply with ROHS lightning surge 1KV, group pulse 2KV; Electrostatic contact 4KV, air discharge 8KV

HMI products

	HMI model and size	Specification and model
Normal touch screen	MDHM /7 inches - unlabeled variable	7-inch 16:9 industrial resistive screen, 1024 * 600 high-definition resolution; Four core 1.2GHz high-performance CPU; 256MB memory, 4GB storage; 1×Ethernet, 2×485, 1×232; Plastic shell;
	MDHM /10.1 inches - unlabeled variable	10.1-inch 16:9 industrial resistive screen, 1024 * 600 high-definition resolution; Four core 1.2GHz high-performance CPU; 256MB memory, 4GB storage; 1× Ethernet, 2× 485, 1 232; Plastic shell;
	MDHM /15.6 inches - unlabeled variable	15.6-inch 16:9 industrial resistive screen, 1920 * 1080 high-definition resolution; 1GHz high-performance CPU, 512MB memory, 256MB storage; 2-485, 1-232, 2-Ethernet; Aluminum alloy shell;
Tag variable touch screen	MDHM10 /7-inch - tagged variable	7-inch 16:9 industrial resistive screen, 1024 * 600 high-definition resolution; Four core 1.2GHz high-performance CPU, 256MB memory, 4GB storage; 1 Ethernet, 2×485, 1×232; Plastic shell; (Supports tag communication function)
	MDHM20 /10.1 inch - tagged variable	10.1-inch 16:9 industrial resistive screen, 1024 * 600 high-definition resolution; Four core 1.2GHz high-performance CPU, 1GB memory, 8GB storage; 1×Ethernet, 2× 485, 1× 232; Aluminum alloy shell;(Supports tag communication function)
	MDHM30 /15.6 inch - tagged variable	15.6-inch 16:9 industrial resistive screen, 1920 * 1080 high-definition resolution; Four core 1.2GHz high-performance CPU, 1GB memory, 8GB storage; 2-485, 1- 232, 1-Ethernet; Aluminum alloy shell; (Supports tag communication function)



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