HMI

AR-HM

ARSON INSTRUMENTS

Stable, Efficient, Safe & Reliable HMI

A Human-Machine Interface (HMI) is a user interface or dashboard that connects a person to a machine, system, or device. While the term can technically be applied to any screen that allows a user to interact with a device, HMI is most commonly used in the context of an industrial process.

Features

Highly powerful performance configuration

▶ Based on Linux system, the system is stable, efficient, safe and reliable

▶ Industrial grade high performance Cortex A8 processor with main frequency up to 600MHz

▶ High capacity 128MB FLASH+128MB DDR3

▶ Support micro printer

Diversified function modules

▶ Support multi-group recipe, multi-window function

▶ Support data acquisition, data alarm function

▶ Support macro instruction based on C language development

▶ Support more than 300 kinds of PLC communication protocols

▶ Support 50 kinds of languages

▶ Rich functions and diversified controls

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Complete interface embedding

▶ Support multiple communication methods (232/422/485)

▶ Support USB download

New password mechanism

▶ Configuration file encryption

▶ Installment payment, HMI protection

▶ A variety of confidentiality mechanisms, more secure and reliable

Strict quality control

▶ Pass FCC, Class A, CE certification

Specifications

Model	Display Size	Resolution	Additional Ports			
			USB-B	Ethernet Port	WIFI	4G
AR-HM035	3.5''(4:3)	320*240	X	X	X	X
AR-HM043	4.3''(16:9)	480*272	✓	✓	X	X
AR-HM050	5''(16:9)	800*480	✓	✓	X	X
AR-HM057	5.7''(16:9)	800*480	✓	X	X	X
AR-HM156	15.6''	1920*1080	✓	✓	X	X
AR-HM070	7''(16:9)	800*480	✓	✓	✓	✓
AR-HM102	10.2''(16:9)	1024*600	✓	✓	✓	✓
AR-HM104	10.4''(4:3)	800*600	✓	X	X	X
AR-HM121	12.1''(4:3)	800*600	✓	✓	X	X
AR-HM150	15''(4:3)	1024*768	✓	✓	X	X