

Data Sheet

7" HMI (ACHMI007)

LCD Parameters	
Display size	7" Widescreen
Display type	TFT-LCD
Display Colour	16-bit colour / 65536
Resolution (pixels)	800 x 480
Backlight type	LED
Backlight brightness	300cd/m2
Backlight life	More than 20,000 hours (25 ° C)
Contrast	500:01:00

Touch Screen Parameters	
Touch type	4-wire industrial resistance
Surface hardness	>3H
Flat technology	Yes

Motherboard Parameters	
Operating system	WinCE 7.0
Run time	Movicon 11 Standard (4096 I/O Bytes)
Processor	32 Bit Cortex-A8
Processor Speed	1 GHz
RAM	512 MB
Flash memory	4GB EMMC
Buzzer	Yes
Perpetual calendar (real time clock)	Work for more than 3 years

Interface Parameters	
Serial	2 x DB9 (RS232/RS485)
USB main port	1 x USB - V2.0
USB slave port	1 x USB - V2.0
Ethernet port	1 x 10/100 Mbps
SD/MMC Card	1 x SDHC / MMC
HDMI	Optional
Audio Port	Optional

Institutional & Environmental Parameters

Shell Material	ABS plastic
Dimensions	198.8 x 137.8 x 47.8 mm
Window size	190 x 129 mm
Power Input	12 to 32 V DC (24V DC Rated)
Power consumption	~5W (24V DC)
Operating temperature	-10 to 50°C
Storage temperature	-20 to 65°C
Humidity	10 to 90% (no condensation)
Weight	~0.7 Kg
Protection level	Front panel NEMA4 / IP65
Certification and testing	CE (EN61000-6-2/4)