

## Data Sheet

### 10.1" HMI ( ACHMI010 )

#### LCD Parameters

Display size	10.1" Widescreen
Display type	TFT-LCD
Display Colour	16-bit colour / 65536
Resolution (pixels)	1024x600
Backlight type	LED
Backlight brightness	350cd/m2
Backlight life	More than 30,000 hours (25 ° C)
Contrast	700:01:00

#### 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 10/100/1000 Mbps
SD/MMC Card	1 x SDHC / MMC
HDMI	Optional
Audio Port	Optional

## Institutional & Environmental Parameters

Shell Material	ABS plastic
Dimensions	272.5 x 181 x 42.5 mm
Window size	263.5 x 171.5mm
Power Input	12 to 32 V DC (24V DC Rated)
Power consumption	~7W (24V DC)
Operating temperature	-10 to 50°C
Storage temperature	-20 to 65°C
Humidity	10 to 90% (no condensation)
Weight	~0.8 Kg
Protection level	Front panel NEMA4 / IP65
Certification and testing	CE (EN61000-6-2/4)