KOLLMORGEN ®

Because Motion Matters™

4", 7", 10" Touchscreen HMI

Space, price or reliability issues should not limit your application - with Kollmorgen performance panels, any small to medium sized HMI application can have an intuitive graphic interface that'll make operation easier for your customers. These units have no fan or rotating hard drive, which means no moving parts.

AKI Series

Specifications	AKI-CDA (Standard)	AKI-CDB (Performance)	AKI-CDC (Premium)
Processor	400 Mhz ARM9	Intel Atom 1.1 Ghz	Intel Core i
Expansion	USB	USB	USB, mini-PCIe
OS	Windows CE 6	Windows CE 6	Windows 7 (standard or embedded)
Memory Expansion	SD Card	SD Card	Via USB
Fanless	Yes	Yes	No
RAM	128Mb	1Gb	2Gb or more
LAN	1x 100 Mbit	1x100 Mbit, 1xGbit	2xGbit
HDD Expansion	No	No	Yes
Application Memory	80 Mb	1.4 Gb or more	8Gb - 64 Gb
Audio Output	No	Yes	No
Vector-based Graphics	No	No	Yes
Shadow/Opacity	No	No	Yes
PDF Viewer	No	Basic	Yes
Web Browser	No	Basic	Yes

UL LISTED   CE   RoHS 2002/95/EC

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With a robust IP65 lightweight aluminum construction, this is a reliable operator panel which meets environmental requirements. Built-in quality through design, components and state-of-the-art production facilities.

AKI CDA Specifications

Electrical and Mechanical Specifications	AKI-CDA-MOD-04T	AKI-CDA-MOD-07T	AKI-CDA-MOD-10T
Display	TFT-LCD. 480 x 272 pixels, 16.7 million colors (true color). LED backlight	TFT-LCD. 800 x 480 pixels, 262 K colors. LED backlight	TFT-LCD. 640 x 480 pixels, 16.7 million colors (true color). LED backlight
Screen Size / Active Display, W x H	4.3" / 95.0 x 53.9 mm	7" / 152.4 x 91.4 mm	10.4" / 211.2 x 158.4 mm
Front / Rear Seal	IP 65 / IP 20		
Touch Screen Material	Polyester on glass, resistive. Overlay: Autofex EBA 180L		
Reverse Side Material	Powder-coated aluminum		
Processor / RAM	400 MHz ARM9		
Real Time Clock	Yes (on chip)		
Power Consumption at Rated Voltage	3.6 W	6.0 W	9.6 W
Fuse	Internal DC fuse, 2.0 AT, 5 x 20 mm		
Power Supply	+24 V DC (18 - 32V DC). CE: The power supply must conform with the requirements according to IEC 60950 and IEC 61558-2-4. UL and cUL: The power supply must conform with the requirements for class II power supplies.		
Operating Temperature	-10 °C to +60 °C		
Storage Temperature	-20 °C to +70 °C		
Relative Operating Humidity	< 85% non-condensed		
Certificates and Approvals			
CE Approvals	Noise tested according to EN61000-6-4 emission and EN61000-6-2 immunity.		
UL, cUL Approvals (when product or packing is marked)	UL 1310 Class II		
Communication			
Serial Port RS422/RS485	9-pin D-sub contact with RS232 RTS/CTS, chassis-mounted female with standard locking screws 4-40 UNC		
Serial Port RS232C	9-pin D-sub contact with RS232 RTS/CTS, chassis-mounted female with standard locking screws 4-40 UNC		
Ethernet	1 x 10 Base-T / 100 Base-T (shielded RJ 45)		
USB	1 x USB Host 2.0, max output current 200 mA		
Field Buses (expansion modules)	1 x Extension Module Slot for Fieldbus (Optional)		
Dimensions			
Front Panel, (W x H x D)	145 x 103 x 7 mm	204 x 143 x 7 mm	280 x 228 x 7 mm
Cut out Dimensions	128 x 87 mm	189 x 128 mm	262 x 209 mm
Mounting Depth	43 mm (100 mm including clearance)	43 mm (143 mm including clearance)	44 mm (144 mm including clearance)
Weight	0.5 kg	0.8 kg	1.5 kg