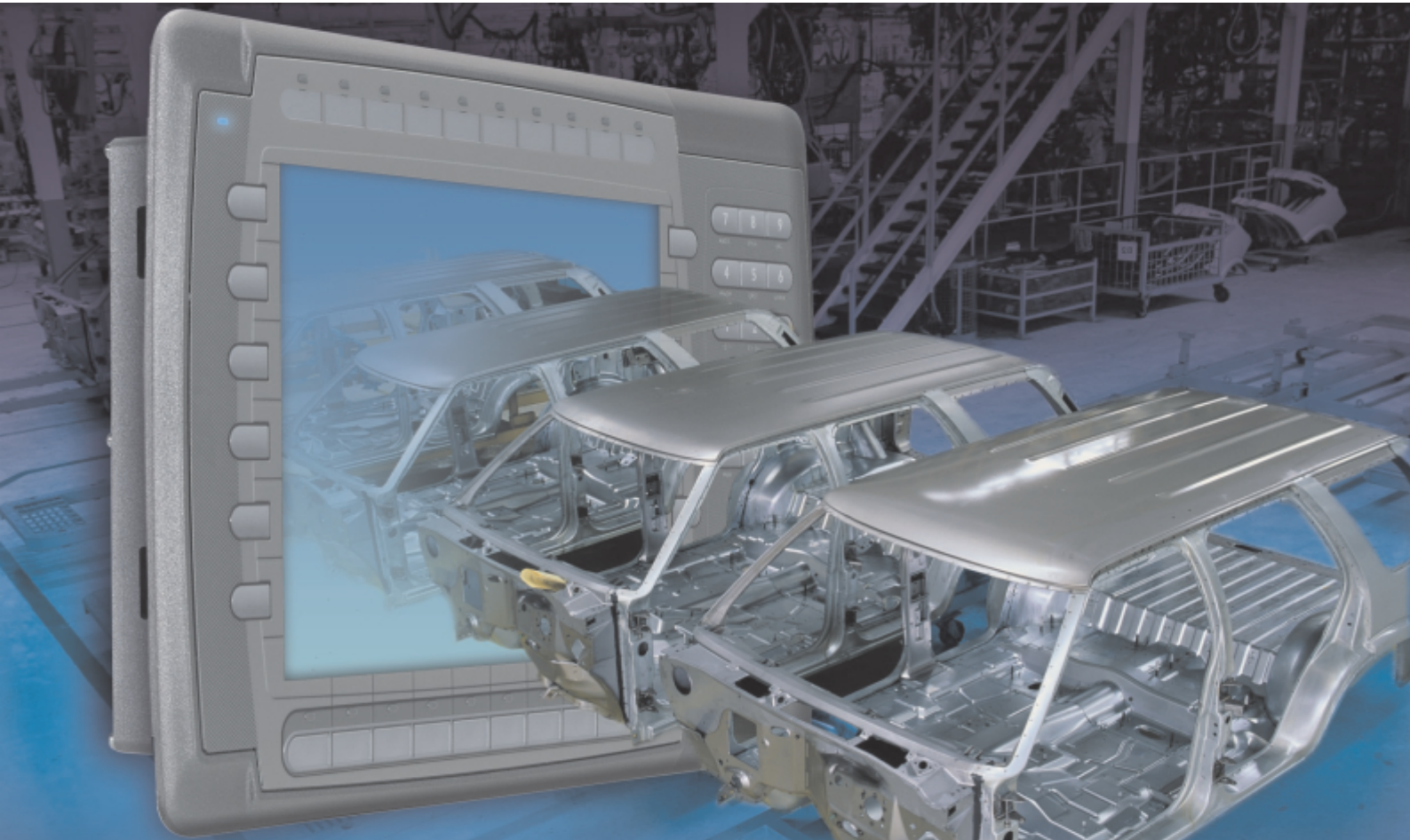


E1000 SERIES - FOR THE FUTURE



**KONING
& HARTMAN**

WE LOVE TECHNOLOGY

Exceeding your expectations

With E1000, you get an operator panel that is ready to impress you. Its high-performance Xscale processor, robust construction and multiple communication ports make it a futureproof choice for your machines and processes. There are fourteen models to choose from - seven with touchscreen display, six with keypad control and one mobile operator panel. The slim design and the powerful performance make E1000 an operator panel beyond the ordinary.



Hardware specifications – E1000 Touchscreen panels

	E1041/43	E1061/63	E1071	E1101	E1151
Display type					
Size	3.5", 320x240pxl	5.7", 320x240pxl	6.5", 640x480pxl	10.4", 800x600pxl	15.0", 1024x768pxl
Grayscale	✓	✓			
64K color TFT	✓		✓	✓	✓
64K color STN		✓ (c)			
Display backlight					
LED with dimming	✓				
CCFL with dimming		✓	✓	✓	✓
Communication ports					
10/100Mbit/s Rj45	✓	✓	✓	✓	✓
USB Host	✓	✓	✓	✓	✓
USB Device			✓	✓	✓
RS485/RS422 25-pin D-sub	✓	✓	✓	✓	✓
Rs232 9-pin D-sub	✓	✓	✓	✓	✓
Application memory (including fonts)	12 MB	12 MB	12 MB	12 MB	12 MB
Memory expansion CompactFlash slot			✓	✓	✓
Buzzer	✓	✓	✓	✓	✓
Real-time clock	✓	✓	✓	✓	✓
Supply voltage	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)
Ambient temperature	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C
Relative humidity, non condensing	5 - 85 %	5 - 85 %	5 - 85 %	5 - 85 %	5 - 85 %
Frame and casing material	Powder-coated aluminum				
Dimensions(mm)	155.8 x 119 x 6	201 x 152 x 6	219 x 154 x 6	302 x 228 x 6	398 x 304 x 6
Cut-out dimensions(mm)	139 x 105	180 x 130	189 x 138	265 x 206	356 x 279
Mounting depth(mm)	57	57	55	58	60

Approvals, award winning design and enclosure classes

The E1000 series complies with global industry standards as well as the environmental RoHS directive.



- EMC directive 89/336/EEC article 4
- UL, cUL
- DNV, IACS E10
- Front protection class
- Back cover protection class



Extensive Functionality

- Dual Driver with data exchange
- Passthrough/Transparent Mode
- No Protocol Mode
- Multiple Languages
- Standard Windows fonts (Unicode)
- Internal Variables
- Historical Trends/ Data Logger
- Recipe Management
- Alarm Management
- Time Channels
- I/O Poll Groups
- Security Passwords
- Message Libraries
- Macros
- Dynamic Objects
- Report Printouts
- Dimmable display
- E-mail
- Webserver
- Remote Access
- FTP
- Easy Conguration with E-Designer

Hardware specifications – E1000 keypad panels

	E1012	E1022	E1032	E1060	E1070	E1100
Display type						
Size	160x32pxl	240x64pxl	240x64pxl	5.7", 320x240pxl	6.5", 640x480pxl	10.4", 800x600pxl
Monochrome FSTN	✓	✓	✓			
64K color STN				✓		
64K color TFT					✓	✓
Display backlight						
LED with dimming	✓	✓				
CCFL with dimming			✓	✓	✓	✓
Function keys	6	6	8	16	16	22
Function keys with integrated LED and text strip	6	6	8	8	8	10
LEDs	6	6	16	16	16	20
LED with integrated key and text strip			8	8	8	10
Communication ports						
10/100Mbit/s RJ45	✓*	✓*	✓	✓	✓	✓
USB Host			✓	✓	✓	✓
USB Device					✓	✓
RS485/RS422 25-pin D-sub	✓	✓	✓	✓	✓	✓
RS232 9-pin D-sub	✓	✓	✓	✓	✓	✓
Application memory (including fonts)	500kB	500kB	12MB	12MB	12MB	12MB
Memory expansion CompactFlash slot			✓	✓	✓	✓
Supply voltage	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)	+24 V DC (20 - 30V)
Buzzer	✓	✓	✓	✓	✓	✓
Ambient temperature	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C
Real-time clock	✓	✓	✓	✓	✓	✓
Relative humidity, non condensing	5 - 85 %	5 - 85 %	5 - 85 %	5 - 85 %	5 - 85 %	5 - 85 %
Frame and casing material			Powder-coated aluminum			
Dimensions (mm)	155 x 114 x 6	155 x 155 x 6	202 x 187 x 6	275 x 168 x 6	285 x 177 x 6	382 x 252 x 6
Cut-out dimensions (mm)	121 x 80	120 x 138	166 x 149	240 x 130	246 x 139	343 x 208
Mounting depth (mm)	43	44	57	57	56	58

* Available as expansion module

FROM PERSON TO PROCESS



E1000 at a glance

Display:

From Monochrome LCD to STN or TFT 65.536 colours

Resolution:

From 16 x 2 up to 80 x 60 char(640 x 480)

Function keys:

From 4 to 50 (Physical or touch screen)

Networks capability:

Profibus/DP, Ethernet

Interface:

RS232C, RS422, RS485, USB*

*Not available for all units



**KONING
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