

KINGFISHER CP-30 PROCESSOR MODULE SPECIFICATIONS

Processor	Cirrus ARM9 EP9301 processor
Word size	32-bit data bus
Clock speed	166 MHz maximum
Flash upgradable BIOS	Yes
Flash memory	16 MB
SDRAM	32 MB
Real-time clock	Yes
Watchdog timer	Yes
Status indication	Yes
Battery life — module unpowered	10 years
Maximum I/O points	1024
Communication ports	1-3 (1 fixed, 2 option ports)
Comm port 1 (Ethernet)	10 or 100 Mbps autonegotiation
Comm ports 2 and 3 (optional)	Supports Kingfisher option cards
I/O bus data rate	250 Kbps
Communications bus data rate	250 Kbps
CP-30 is compatible with most existing I/O modules, communication cards, and power supplies. Please contact your local Kingfisher sales representative for latest compatibility information.	
Programming port	10/100 Ethernet port. (Comm port 1)
Programming & diagnostics software	Toolbox Plus+™
RTU address range	1 – 65520 (when using Kingfisher Plus+ protocol)
Communications protocol	Kingfisher, Kingfisher Plus+, Modbus (RTU, ASCII, & TCP), DNP3, SNMP
Analog block processing	Yes
PID block processing	Yes
Logic processing	IEC 61131 languages: Ladder logic Structured text Function block diagram Sequential function chart Instruction list ISaGRAF flowchart
Operating temperature	-20° to 70 °C
Storage temperature	-40° to 85 °C
Relative humidity	5 – 95% noncondensing

www.cse-semaphore.com

USA

CSE-Semaphore
15B Charron Avenue
Nashua, NH 03063
USA

P +1 (603) 577 3803/3804
F +1 (603) 577 3855

Australia

CSE-Semaphore
Unit 8, 3-5 Gilda Crt
Mulgrave, Victoria 3170
Australia

P+61 (03) 8544 8544
F+61 (03) 8544 8555

Europe

CSE-Semaphore
Chaussée de Bruxelles, 732A
B-1410 Waterloo
Belgium

P +32 (2) 387 42 59
F +32 (2) 387 42 75

© 2007 CSE-Semaphore. All rights reserved. Kingfisher is a trademark of CSE-Semaphore. All other marks may be trademarks of their respective owners.
0761037 12/07