



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PRODUCT HIGHLIGHTS

- Datalogging and timestamping
- Trending, alarm logging, & sequence of events
- Stand alone control of remote sites
- IEC 61131 PLCopen & high level C++ programming
- Limitless multi-user connectivity
- Telephone, internet, and wireless telemetry
- Advanced communication capabilities
- Report on exception, store & forward, peer to peer
- Ethernet TCP, modbus, LINUX, OPC & more
- Small to large applications
- Scalable from 1 to 1,000+ stations
- Unlimited I/O expansion
- Grow from a few points to more than 50,000
- Master terminal unit / concentrator
- Collect data from unlimited remote stations
- Embedded LINUX open source software
- Web servers, custom com drivers & much more

PERFORMANCE SPECIFICATIONS

- Industrial PowerPC (32 bit data bus)
- Operating system Embedded LINUX
- Dynamic memory (RAM) 16 Megabytes – 32bit, 0 wait states
- Program memory (Flash) 16 Megabytes
- Datalogging memory (RAM) 512K or 2 MB (battery-backed)
Maximum local I/O 640
- Maximum distributed I/O 50,000+ (application dependent)
Datalogging support – Sixnet Sixlog
- IEC 61131 programming Yes – Sixnet ISaGRAF
- High Level C programming – LINUX open software

SERIAL PORTS

- Up to 115,200 baud
- RS232 Port A RJ45 (TD, RD, CTS, RTS, CD, DTR, DSR, GND)
- RS232 Port B RJ45 (TD, RD, CTS, RTS, CD, DTR, DSR, GND)
- RS485 Port C Screws (485+, 485-, GND) (2-wire half-duplex)
- RS232 Port D Screws (TD, RD, CTS, RTS, GND)
- Protocols (master & slave) Sixnet & Modbus RTU/ASCII;
many others available in LINUX
- Flow Control Hardware, software, RTS-party (for radios and RS485)



ETHERNET PORT

- 10/100BaseTx (auto-detecting)
- Connection RJ45 (auto-crossover) protocols TCP/IP, ARP, UDP, ICNP, DHCP, Modbus/TCP, Sixnet, and more

ENVIRONMENTAL

- DIN rail or flat panel mount
- Input power 10-30 VDC
- Input current 100 mA @ 24 VDC (typical)
- Temperature -40 to 70°C (-40 to 85°C storage)
- Humidity 5% to 95% RH (non-condensing)
- Flammability UL 94V-0 materials
- Vibration IEC68-2-6000
- Electrical Safety UL 508, CSA C22.2/14; EN61010-1 (IEC1010)
- EMI emissions FCC part 15, ICES-003, Class A; CE
- EN55022; EN61326-1; CE
- EMC immunity EN61326-1 (EN61000-4-2,3,4,6); CE
- Vibration IEC68-2-6000
- Hazardous locations UL 1604, CSA C22.2/213, (Class 1, Div 2, Category 3, Groups A,B,C,D) Genelec EN50021 Zone 2

All specifications are subject to change. Consult factory for latest info.

ORDERING GUIDE

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| VT-IPM-1410 | 512K Static RAM; 16MB Dyn. RAM; 16MB Flash |
| VT-IPM-2410 | 2 MB Static RAM; 16MB Dyn. RAM; 16MB Flash |