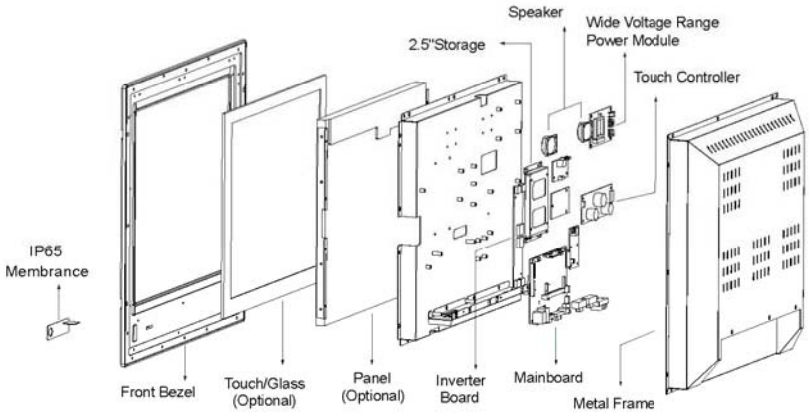
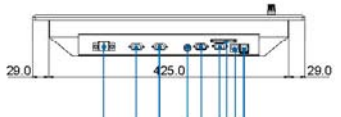
19" Marine Panel PC

Model#: PPC-MR019A

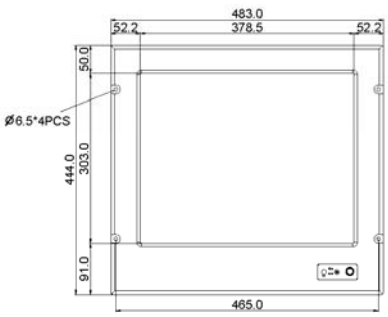


Modularized Construction

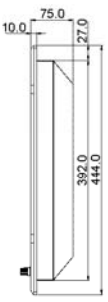


1. 8 to 36 V DC Terminal Block
2. COM3
3. COM4
4. PS/2
5. COM1
6. VGA
7. CF
8. LAN
9. USB

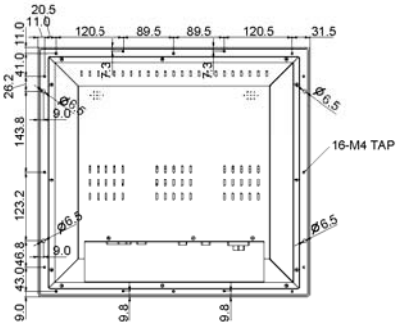
BOTTOM VIEW



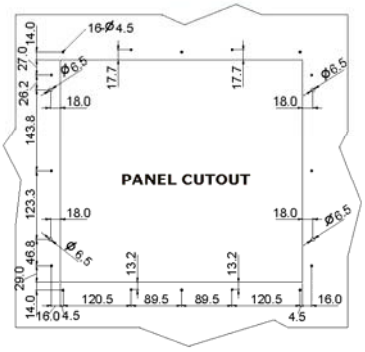
FRONT VIEW



SIDE VIEW



BACK VIEW



All Dimensions are±0.5mm

TFT Characteristics :

Pixel Number	:	1280 x 1024
Pixel Pitch(R&B)	:	0.294 (H) x 0.294 (V) mm
Contrast Ratio	:	550:1(typ.)
Light Intensity	:	500 cd/m^2 (typ.)
Viewable Angle	:	-70~70 (H);-60~75 (V)
Active Display Area	:	376.32 (H) x301.06 (V) mm
Max Colors	:	16.7M(8bit/colors)

SBC Specifications :

Processor	:	AMD®Geode LX-800 500MHz CPU
BIOS	:	Award 4Mbit Flash
System Chipset	:	AMD®CS5536 Companion Device
Memory Slot	:	1 x SODIMM, Default 512MB
Graphic Chipset	:	AMD®Geode LX800 Integrated (64MB shared)
IDE	:	1 x IDE(UDMA33)
Compact Flash	:	1 x Type I/II CF Socket
KB / Mouse Connector	:	1 x PS/2
Ethernet	:	1x RJ-45(Realtek RTL8110s 10/100 Mbps)
VGA	:	1x VGA Connector
Audio	:	Build in AC97 Codec
USB Ports	:	4 x USB 2.0
Serial Ports	:	3 x RS232, 1 x RS232/422/485
Hard Drive	:	2.5" 40GB HDD
Expansion slot	:	1x Mini PCI

Power Specifications :

Power Supply Options	:	8 to 36 V DC to DC power supply with terminal block(90 to 265 V AC (optional))
Power Consumption	:	48 W typical, normal operation

Environment Considerations :

Operating Temperature	:	-10 to 55 deg.C
Operating Humidity	:	5% to 95% (non condensing)
Anti-Vibration	:	5Hz~500Hz / 1Grms/3 Axis
Anti-Shock	:	15G, 11ms duraiton

Input / Output Connectors

Ethernet LAN	:	1 x RJ45-10/100 Mbps
Keyboard / Mouse	:	1 x PS/2
COM	:	2 x RS232, 1 x RS232/422/485
USB	:	2 x USB Type-A receptable
RGB Out	:	1 x VGA 15P DSUB (female)
Compact Flash	:	1 x Type I/II CF Socket*
DC Power	:	1 x DC Terminal block
*Not support Pull and Plug.		(AC power Std IEC Inlet for optional)

Available Options

Mechanical Options	:	Panel (Flush) mount with IP65*
Touch Screen Options	:	SAW, 5 Wire Resistive
AR Safety Glass Option	:	3mm Anti-reflective protection glass
VESA Mounting	:	NO(VESA is only by special request)
*SAW touch for IP54		

Certification and Approvals

- CE, FCC
- DNV Type Approval (Pending)

ePANELpro The Industrial Panel e-store

FC CE RoHS COMPLIANT 2002/95/EC

Note: All Specifications are subject to change without prior notice!

Revised Date:10/19/2007