i-TECH COMPANY

SINCE 2004

19 YEARS EXPERIENCE

INNOVATIVELY

SMART
DISPLAY
SOLUTIONS

i-TECH COMPANY

TABLE OF **CONTENTS**

GLOBAL SUPPLY AND SERVICE NETWORKS

USA

Hongkong   Taiwan

USA Headquarters & Factory

Factory & Service

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OUR CUSTOMERS

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GOVERNMENT CUSTOMERS

Air Force Research Laboratory
Air Force Weather Agency
American Embassy
Arizona US Court
Arnold Air Force Base
City of Lake Worth
Eglin Air Force Base
Georgia Department of Natural Resources
Kunsan Air Base
Lawrence Livermore National Laboratory
McGuire Air Force Base
General Atomics
Los Alamos National Laboratory
Naval Air Warfare Center
US Coast Guard
US Army
US Department of Agriculture
US Geological Survey
US Naval Research Laboratory
US Army Redstone Technical Test Center
US Army Institute of Surgical Research

Naval Inventory Control Point
US Navy
NSCW Corona Division
NAVSEA PHILADELPHIA
New York State Unified Court System
NASA/GSFC
Santa Clara City Library
Virginia Air National Guide
Vandenberg Air Force Base
174th Fighter Wing
Crane Divisions
Georgia Tech Research Institute
Sandia National Laboratories
Space Dynamics Laboratory

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AEROSPACE, DEFENSE, SECURITY CUSTOMERS

Honeywell
Lockheed Martin
Raytheon
Northrop Grumman
Boeing
BAE
Saab Group
Airbus Defense and Space GmbH
Space X
SAIC
Leonardo DRS
Rohde & Schwarz

EDUCATIONAL CUSTOMERS

The University of Arizona
James Madison University
Johns Hopkins University
University of Illinois
Penn State University
Stanford Linear Accelerator Center
Arizona State University

University of Notre Dame
University of New Mexico
University of Missouri
University of Toledo
Yale University

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CORPORATE CUSTOMERS

ASM France
ASM United Kingdom
ASM Germany
American Airlines
ANIXTER
APPRO International, Inc.
Ball Systems Engineering Solutions
CompServ, Inc.
Disney Hong Kong
Disney Land
Disney World and Cruise Ship
First Chatham Bank
Gap International, Inc.
Gateway
Genus, Inc.
Goodrich
Honeywell Technology Solutions
Kaiser
Pixelworks Inc.
Steel Dynamics
Time Warner Cable

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iTECH OFFERS HIGH QUALITY PRODUCTS

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MILITARY LCD

IP67 Rugged Monitor | Military Rack Mount LCD | Military Chassis Mount LCD | Military Rackmount KB | Military Panel Mount LCD

BMil21730-16e: 3U Military Grade Dual Slides Rugged Rackmount 17.3" LCD with 16 ports KVM

PORTABLE LUNCH BOX AIO COMPUTER

Triple Monitor – Model: BPCW31700HD-i7-V1

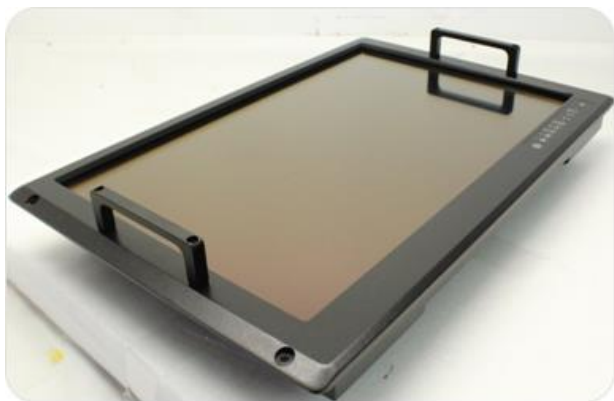Dual Monitor – Model: BPCW21500BB

Single Monitor – Model: BPCW21500BB

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MEDICAL PANEL PC

Model: VMPCW1730i_V2

Model: WMPC-2400C

9

MILITARY RACKMOUNT LCD MONITOR
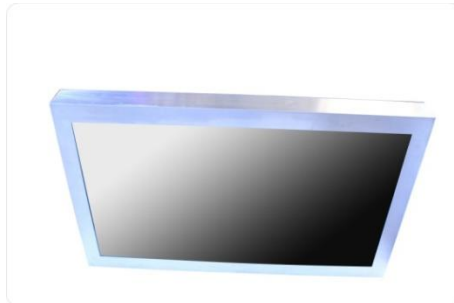## KEYBOARD KVM

MARINE LCD AND MARINE PANEL PC

Model: AMAR1900HB-TR

Model: NMR-4600HB-DNV-V1

Model: WPM-MAR-PC-1500M2-TR-V1

CERTIFICATION:
DNVGL-CG-0339, IEC60945 4th,
CE, FCC, IACS E10

MARINE LCD AND MARINE PANEL PC

Model: WPM-MAR-PC-1500M2-TR-V1

Model: WPM-MAR-W2400A1-ST02

CERTIFICATION:
DNVGL-CG-0339, IEC60945 4th,
CE, FCC, IACS E10

RACKMOUNT LCD

Rackmount 1U HDMI 2K/4K KVM
4K Rackmount LCD
2U Dual Monitor Console Drawer
2U Triple Monitor
4U Quad Monitor Rackmount LCD (Quad)
1U Rackmount LCD Console w/ CAC Card Reader
Portable KVM Console
KVM Console Drawer
1U Single Screen Console Drawer

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RACKMOUNT LCD KEYBOARD HIGHLIGHTS

EWT-AVPW117-K-2DP

NVP3DW17e-4K 4K Panel

17" and 20.1" 1600x1200
Portable monitor keyboard console

DRP4W2150-H-TS

14

OUTDOOR LCD

Model: CCHW2150HB2-OB-SIP

15

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IP66/IP67 FULLY SEALED TOUCH MONITOR AIO

Large Screen Sunlight
Open Frame Monitor
Chassis Monitor
Stainless Monitor
Rugged Industrial LCD

Steel Factory floor

Open Area on Research Ship

Restaurant Kitchen

Food Processing Plants

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IP66/IP67 FULLY SEALED
TOUCH MONITOR AIO

IP65 Rugged Panel PC
NEMA4X Panel PC
IP66 Rugged LCD

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18

CUSTOMIZED TOUCHSCREEN SOLUTIONS

Industrial Touchscreen
Large Touchscreen

True Flat Zero Bezel

4K Curved Touchscreen

10 points Touches

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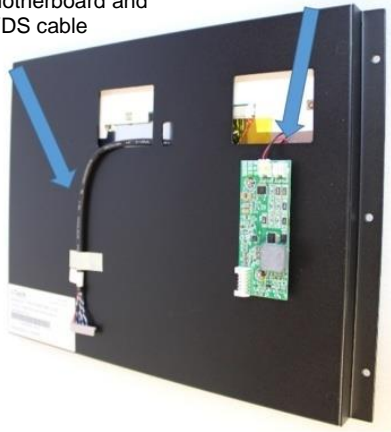
TOUCHSCREEN WIDE OPEN FRAME LCD

LVDS Cables (Please send us Pin for Assignment from your motherboard and specify Length of the LVDS cable

Backlight Inverter DC Input

Model: YOP1210WTHB2-LVDS

Open Frame Wide 10.1 With Optical Bonding and Touch

Open Frame 6.4" Panel PC with Touch

Open Frame 32" High Brightness with SAW Touch
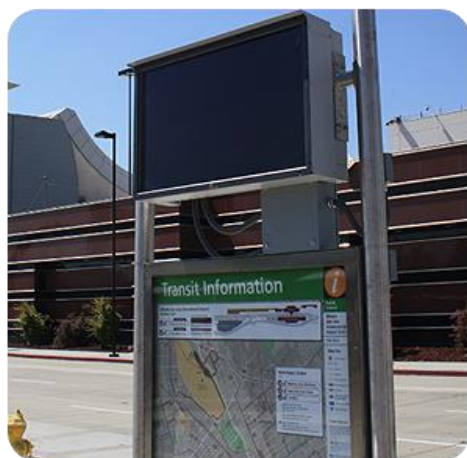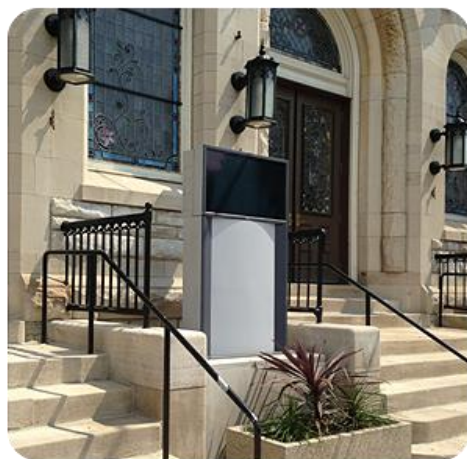
HIGH BRIGHTNESS OUTDOOR LCD

All Weather Outdoor LCD
Open Frame LCD
Chassis Mount LCD
Panel Mount LCD
Rugged Industrial LCD

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APPLICATION

BAE / Selex / UK, US Coast Guards

C-130 Aircraft in Naval Base, South Carolina, USA

10.4" Panel PC for Federal Aviation Adm. USA

APPLICATION

15" Sunlight-Readable Panel PC for Military Control
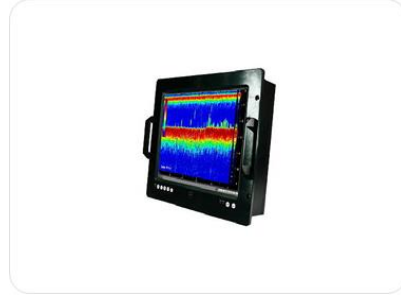

Swedish Coast Guard

For Ballistic Missile Destroyers - French, Canada,Taiwan Navies
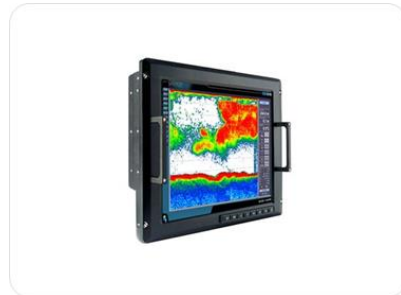
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APPLICATION

Canada, French Navy Deep-sea Defense

Taiwan, French, Canda Navy

Navigation System Panel PC for Oil Tanker

26

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APPLICATION

Control Center, Military Applications

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FROM DESIGN TO MANUFACTURING AND QUALITY CONTROL

PROCESS STEP 1

Plan and Define the Product Requirement Analysis. (1-1.5 weeks)

PROCESS STEP 2

Product Design/Submit Cost Proposal / Draft Datasheet and Drawings / Revise & Resubmit/Approval (1-1.5 weeks)

PROCESS STEP 3

Place Order and Production Part Approval Process PPAP (1 week)

a. Design Documentation(Components List and Components Datasheet, Package and Final drawings submittal)
b. If this is a repeat order (Engineering Change Documentation)

PROCESS STEP 4

Start Production (Industrial Product 3-5 Weeks, Marine Product 4-6 weeks and Military product 8-12 Weeks)

*a. **IQC**- Inspection and testing of components supplied by our vendors. The purpose of this step is to catch any defects before assembly starts.*

*b. **IPCQ**- Performed during the manufacturing process. This step catches defects that may arise during assembly. **We will submit each components pictures and check against Components list in Step 3 before Final assembly**.*

*c. **OQC**-Outgoing Quality Control is the last step before fully assembled products leave the factory. We do once again to perform visual and functional inspections and can also take pictures before shipping out.*

PROCESS STEP 5

Finished Deliver Product.

PHASE 1
Study and understand what customer need (1-2 Weeks)
We will reply with question and alternative solutions(more up-to-date computing power) (1-2 weeks)

PHASE 2
After finalize our proposed design and we will provide you the quantity pricing and sample pricing (2-3 weeks)
After approval of the proposal's pricing and product requirement, then we will work on Datasheet and drawings (2 weeks)

PHASE 3
After place order and received payment.
Prepare Documentations/components list/Final Drawings/shipping Weight and Dimensions for approval.
Lead time start after we got your Final Approval (Not the PO date)

PHASE 4-5
Production start
IQC
IPCQ
OQC: Before Final assembly, we will submit pictures for update and approved
Before shipment we will send you pictures of the final product for approval as well.

Optional for further Certification time is not included. We can do all the testing in before shipping the sample unit to you. Certification might take independently another 5-6 weeks.

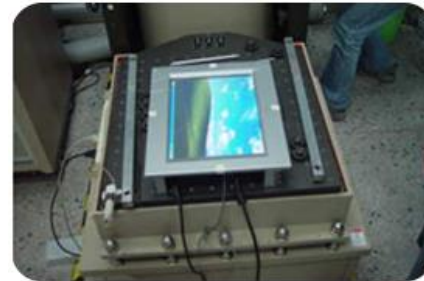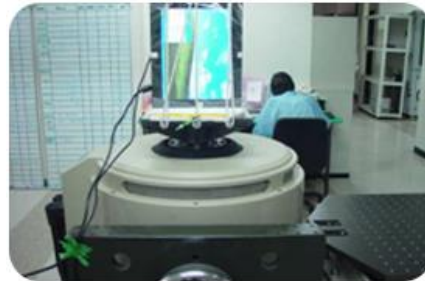# MANUFACTURING AND QUALITY CONTROL

Production Lines
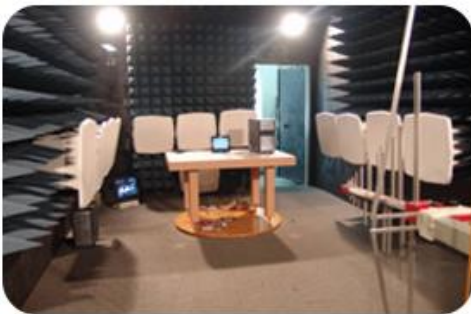

Metal Work Fabrication Shop

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TESTING AND QUALITY CONTROL

IP65/66 Waterproofing Test

Shock & Vibration Tests – MIL-STD-810F

MIL-STD-461E Tests

30

END