

iE Mobile™ Dedicated Product Line

Tablet PC

ICE series - Your cutting-edge digital assistant

With a focus on ergonomic design and features, the ICE series tablet PC offers versatility in application and field-proven durability.

The Ice Series tablet PC features exceptional ergonomics with industrial sealing and high drop resistance for use in the most extreme industry-specific environment. Our obsessive attention to detail and passion for quality create a winning formula that promises to delight and inspire your staff on-the-go. It is the ultimate productivity tool for field services.



Industrial PDA (EDA)

MODAT series - Your data manger on the go



The MODAT series industrial PDA (EDA) brings real-time mobile computing and cost-effective mobility in one customizable, robust package.

The next generation of industrial PDA (EDA), the MODAT series provides a total wireless solution with Windows Mobile® or Android operating system. Featuring a full range of wireless communication options and optimal suites of data capture technologies in one lightweight, versatile and robust package, it is particularly suited to solutions in the retail, hospitality and logistics environment.



Automotive PC

Automotive PC series - Your reliable companion on the road

Raising the bar for premier in-vehicle infotainment systems, the automotive PC series optimize user comfort and the power of sophisticated navigation technologies for your mobile work fleet.

The automotive PC series is a CAN bus integrated mobile computing device that promises to answer all your field force automation needs. Empowered by the latest and most advanced navigation technologies available, your fleet operation is secured and optimized at minimal cost.



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Power Supply/Peripherals

Complete Line of Innovative Display Solutions

Rich Variety to Match a Diverse Array of Applications

IEI invests significantly in research and development to provide more consumer-oriented and application-specific products. Extensive design and production experience allows IEI to create products for a wide range of industries including health care, retail, factory and home automation.



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Display Systems

X86-Based Panel PC

Light Industrial Panel PC



AFL-15i-HM55

AFOLUX series

- Streamlined plastic housing
- Wireless/Bluetooth 2.0/HSUPA communication
- IP64 compliant front panel

5.7"-19" Complete Platform



ACT-408A

AFOLUX Vertical Market series

- 3 series - Retail solutions
- 4 series - In-wall mount solutions
- 5 series - Fanless dual core PPCs
- ACT series - RFID solutions

Heavy Industrial Panel PC



WIDS-515A

PPC series

- Ruggedized aluminum front bezel and metal casing
- Versatile expansion interface
- IP65 compliant front panel

6.5"-19" Rugged PPC



SAILORPC-12A

PPC Vertical Market series

- SAILORPC series - Full IP 67 PPC
- UPC series - UPS PPC
- WIDS series - Wireless PPC



Display Monitor

Display Workstation

Display Console



SRM-150GS

- **DM series** - Industrial monitors
- **SRM series** - Sunlight readable monitors
- **TDM series** - Extended temperature display monitors
- **LCD-KIT series** - Open frame LCD monitors
- **AFOLUX monitor** - Multiple video input monitors



WS-612GS

- **WS series** - Heavy-duty and expandable with CPU performance configuration options
- **RPC/EC series** - Easy rack-mount industrial workstation



ALOHA-12A

- **LKM series** - 1 or 8 port LCD KVM switch
- **ALOHA series** - 12.1" compact size display console

Video Wall Controller

Connect a laptop or desktop PC directly to the video box for instant display on a large video wall. No special hardware is required, only a high resolution DVI output from the computer to the video box. The video box tiles together a group of small and inexpensive LCD panels to produce a large video screen.



LCD Monitor



HD Plasma Display



DLP

**Please check before installation if the frequency of your displays are compatible with IEI VWBOXs.*



Full HD(1080P) Resolution Video Wall Box



New
HDMI Solution

iVW-FH122

- iNDS unique GeniMask™ bezel masking technology
- Support up to 1920 x 1200 input content
- 1 x Full Screen HDMI output and 1 set of 2x2 HDM output
- Output timing 720p/1080p
- Support multiple display modes, such as full mode, clone mode, and User mode etc.



iVW-FD122

- iNDS unique GeniMask™ bezel masking technology
- Support up to 1920 x 1200 input content
- Support multiple display modes, such as full mode, clone mode, etc.
- Allow remote managing via RS-232 cable or DVI cable
- Easy-to-DIY video wall solution



iVW-FD133

- iNDS unique GeniMask™ bezel masking technology
- Support up to 1920 x 1200 input content
- Support multiple display modes, such as full mode, clone mode, etc.
- Allow remote managing via RS-232 cable or DVI cable
- Easy-to-DIY video wall solution

Ultra High Resolution Video Wall Box(above 1080P)



New

iVW-UD112

- Easy-to-install, flexible combination, cost effective solution
- High-resolution display content input and output
- Non-scaling, pixel-to-pixel mapping advantage
- Support various display modes
- iNDS unique GeniMask™ bezel masking technology



New

iVW-UD212

- Easy-to-install, flexible combination, cost effective solution
- High-resolution display content input and output
- Non-scaling, pixel-to-pixel mapping advantage
- Support various display modes
- iNDS unique projection blending technology



New

iVW-UD322

- Easy-to-install, flexible combination, cost effective solution
- High-resolution display content input and output
- Non-scaling, pixel-to-pixel mapping advantage
- Support various display modes
- iNDS unique GeniMask™ bezel masking technology
- High frame rate



New

iVW-UD124

- Easy-to-install, flexible combination, cost effective solution
- High-resolution display content input and output
- Non-scaling, pixel-to-pixel mapping advantage
- Support various display modes
- iNDS unique GeniMask™ bezel masking technology



iVW-UD133

- Easy-to-install, flexible combination, cost effective solution
- High-resolution display content input and output
- Non-scaling, pixel-to-pixel mapping advantage
- Support various display modes
- iNDS unique GeniMask™ bezel masking technology



New

iVW-UD144

- Easy-to-install, flexible combination, cost effective solution
- High-resolution display content input and output
- Non-scaling, pixel-to-pixel mapping advantage
- Support various display modes
- iNDS unique GeniMask™ bezel masking technology

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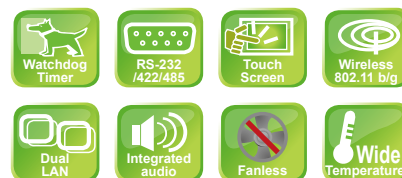
IOVU Series PPC



IOVU (Input and Output Viewer) series enable the great embedded flexibility for RISC-based panel PC. Built with a XScale or Alchemy CPU, LCD display, touch screen, I/O peripherals, and pre-installed Windows® CE 5.0 or embedded Linux, the IOVU series provide the most cost-effective and stable solution for a diverse range of embedded RISC-based panel PC application. The supported software includes thin client technology, remote management tool, embedded OS SDK (software development kit) and BSP (board support package).



- ▶ Equipped with RISC CPU and Windows® CE embedded OS, the IOVU Series panel PCs are with high-performance computing power, fan-less design, low-power consumption, wide operating temperature, and wide-input-voltage range.
- ▶ The IOVU is designed for highly durable in harsh environments, due to its rugged, compact, low power consumption, and embedded system hardware design without failure-prone hard disk and fan. Each IOVU equips with a IP 65 or IP 64 compliant front panel to protect against accidental contacts of foreign bodies and against water.
- ▶ Each IOVU is driven by a powerful RISC CPU with built-in WDT (Watchdog Timer) functions, has a touch screen TFT display, and comes with a series of integrated external peripheral connectors including Ethernet ports, serial ports, USB ports, audio ports, CompactFlash™ slot, and optional wireless communication modules supporting WiFi 802.11 b/g, Bluetooth, GPS, or GSM/GPRS.



IOVU Series Products

Model Name	IOVU-430M	IOVU-570M	IOVU-751R
SYSTEM			
CPU	XScale® PXA270 416 MHz	XScale® PXA270 MHz	Alchemy AU1250 500 MHz
Bootloader Storage	2 MB	2 MB	2 MB
RAM	128 MB SDRAM	128 MB SDRAM	256 MB DDR2
OS/Program Storage	1GB Mini secure digital card	1GB Secure digital card	1GB Secure digital card
DISPLAY			
LCD Size	4.3"	5.7"	7"
LCD Color	262 K	262 K	262 K
Display Resolution	WQVGA	VGA	WVGA
LCD Brightness (cd/m ²)	500	400	400
Dot Pitch (mm)	0.066(H) x 0.198(V)	0.06(H) x 0.18(V)	0.064(H) x 0.191(V)
Viewing Angle (H-V)	100 / 60	140 / 100	140 / 100
Backlight MTBF	10000	25000	50000
Touch Screne	1. Projective-Capacitor Type 2. Resistor Type	Resistor Type	Resistor Type
Multimedia Support	MPEG 1	MPEG 1	MPEG 1/2/4 and WMV9
I/O and COMMUNICATION			
I/O Interface	1 x RS-232/422/485 (Software controllable) 1 x Reset button 1 x 10/100Mbps LAN 1 x USB1.1 host 1 x CAN bus 2.0b 6 x GPIO 1 x 2pin Terminal block DC input 1 x Mini SD card slot	1 x RS-232/422/485 (Software controllable) 2 x 10/100Mbps LAN 2 x USB1.1 host 1 x SD card slot 1 x Reset button 1 x On/Off power switch 1 x 2pin Terminal block DC input	1 x RS-232/422/485 (Software controllable) 1 x RS-232 2 x 10/100Mbps LAN (one supports POE) 2 x USB2.0 host 1 x Reset button 1 x On/Off power switch 1 x 2pin Terminal block DC input 1 x Power jack
Audio	1.5W Speaker x 2	1.5W Speaker	1.5W Speaker x 2
Wireless LAN	Option 802.11 b/g	802.11 b/g	N/A

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Celebrate Humanity with Technology

PACSmate®

PACSmate Technology Inc.

PACSmate Technology Inc. is a professional medical solution provider, focusing on high-resolution medical displays and medical panel PC. Being the member of ICP Group, PACSmate benefits from the group manufacturing expertise as well as strategic and operational resources, allowing quick development of diverse medical-grade products. All PACSmate® medical products are ISO-9001, ISO-14000 and ISO-13485 compliant and are easily applied to a wide range of medical applications.



Diagnostic Medical Display

PACS Diagnostic Application



High-Resolution Monochrome Monitor	MMD-5201M 12-bit 5MP	MMD-3213M 12-bit 3MP	MMD-2213M 12-bit 2MP
LCD Size	20.1"	21.3"	21.3"
Resolution	2560 x 2048	2048 x 1536	1600 x 1200
Max. Luminance	Typical : 850cd/m ² Calibrated: 600cd/m ²	Typical : 800cd/m ² Calibrated: 600cd/m ²	Typical : 1000cd/m ² Calibrated: 600cd/m ²
High-Resolution Color Monitor	MMD-4300C 30-bit 4MP	MMD-3213CH 30-bit 3MP	MMD-2213CH 30-bit 2MP
LCD Size	30"	21.3"	21.3"
Resolution	2560 x 1600	2048 x 1536	1600 x 1200
Max. Luminance	Typical : 370cd/m ² Calibrated: 250cd/m ²	Typical : 800cd/m ² Calibrated: 550cd/m ²	Typical : 950cd/m ² Calibrated: 550cd/m ²

Clinical Reviewing Medical Display

Modality/Clinical Reviewing Application



Monochrome Monitor	MMC-2201M	Color Monitor	MMC-2201C	MMC-1190C	MMC-1170C	POCM-1170C
LCD Size	20.1"	LCD Size	20.1"	19"	17"	17"
Resolution	1600 x 1200	Resolution	1600 x 1200	1280 x 1024	1280 x 1024	1280 x 1024
Max.Luminance	700cd/m ² (typical)	Max.Luminance	300cd/m ² (typical)			

Medical Panel PC



Model Name	POC-5/A Series	POC-4/A Series	POC-4/B Series	POC-3/A Series	POC-3/B-A320 Series	POC-3/B-A330 Series
Feature	Fanless	Fanless	High-Performance	Multi-Purpose	With Back-Up Battery	With Back-Up Battery
LCD Size	17"	15"/17"/19"	17"/19"	17"	17"	17"
Chipset	Intel® GM45	Intel® 910GMEL	Intel® GME965	Intel® 915GME	Intel® GME965	Intel® 915GME
CPU	Intel® Core™2 Duo T9400-2.53G/ T7500-2.2G/ P8400 2.26G	Intel® Celeron® M373-1.0G/ Atom N270	Intel® Core™2 Duo T7500-2.2G/ CM550-2.0G	Pentium® M 760-2.0G	Intel® Core™2 Duo T7500-2.2G/ CM550-2.0G	Pentium® M 760-2.0G
2nd Display	VGA/ HDMI/ DisplayPort	VGA	VGA	VGA/ DVI	VGA/ DVI	VGA/ DVI
Power	AC 110~240V to DC 12V power adapter	AC 110~240V to DC 12V power adapter	AC 110~240V to DC 12V power adapter	AC 110~240V	AC 110~240V to DC 12V power adapter	AC 110~240V to DC 12V power adapter

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