

# Advantech VUE Display Series

Providing Value, Unified Design, and Efficiency that  
Optimizes Diverse User Applications



**ADVANTECH**

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# VUE

## About Advantech VUE Display

Inspired by the French word for "vision", Advantech's new VUE series is a line of touch displays created specifically for industrial applications. Designed to meet the needs of industrial clients, VUE solutions make integrating industrial applications, touch functionality, and robust, industrial-grade features easier than ever.



### VUE-3000 Series

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology.



### VUE-2000 Series

Advantech's VUE-2000 series features high-sensitivity PCAP touchscreen for gloved operation and CS10V capabilities for noise immunity. They incorporate ruggedized vibration-resistant IK07 and IK08 certified designs with multiple I/O.

### VUE-5000 Series

The VUE-5000 series includes non-touch, PCAP touch, and IR touch solutions. It features high image quality with IPS, has an elegant design with a narrow bezel, and accepts 90 ~ 144VDC power input based on AC power design.

# VUE-2000 Panel Mount Monitor

Advantech's VUE-2000 series features a high-sensitivity PCAP touchscreen for gloved operation and CS10V capabilities for noise immunity. These solutions incorporate ruggedized impact-protected IK07 and IK08 certified designs with multiple I/O. Advantech's VUE series supports panel and VESA mounting; and has additional screw holes for diverse peripheral requirements.



IK08 impact protection



Multiple I/O



Easy expansion for peripheral devices



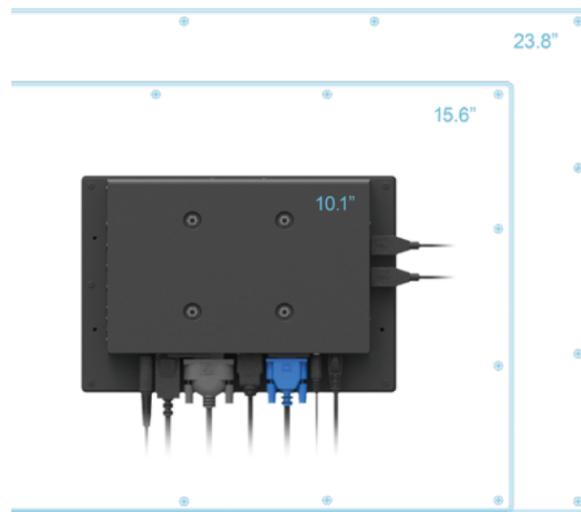
CS10V capability for noise immunity



IP65 rated front panel



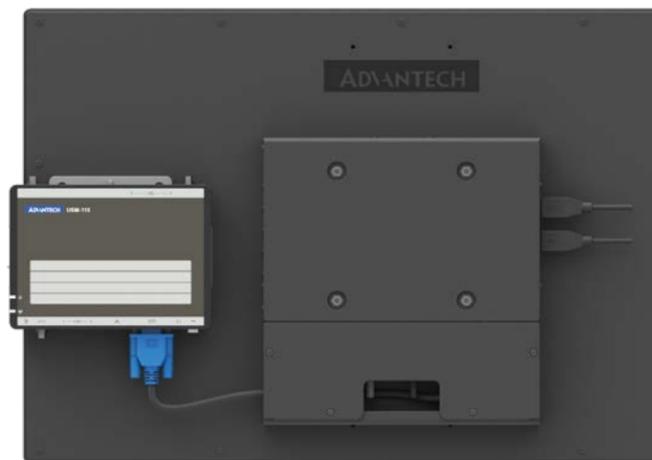
## Feature Highlights



01 Unified AD board and modularized design fulfills flexible installation requirements

02 Multiple I/O  
Advantech's VUE-2000 family provides a single AD board that covers VGA, HDMI, DP, and DVI input/output ports. It further provides 2 x USB type-A ports if the touch function fails and 1 x USB-type-B port for the touch signal and power adaptors. This frees users from worrying about I/O ports and allows them to focus on other application needs.

03 Eases peripheral device expansion  
This solutions screw holes and USB 3.1 ports enable users to attach a camera, RFID, Wi-Fi sensor, card reader, and peripherals. Advantech's VUE-2000 series reserves screw areas for flexible AIO (all-in-one) IPC attachment.



04 Mounting bracket  
Advantech's VUE-2000 series features screw holes on the rear side that enable users to attach a mounting bracket. They can use this bracket to attach the solution to equipment. This method may be heavier than OpenFrame, but is flexible enough to enable AIO functions while supporting extendable peripheral devices.

## Star Products



VUE-2101  
10.1" panel mount with PCAP touchscreen



VUE-2156  
15.6" panel mount with PCAP touchscreen



VUE-2238  
23.8" panel mount with PCAP touchscreen

# VUE-3000 Medical Monitor

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology. This series includes 21.5" and 27" medical-grade monitors that deliver anti-reflection/fingerprint capabilities and remote diagnostics/interpretation via PACS (Picture Archiving and Communication System). They accommodate integration within OCT systems, ultrasound machines, and dialysis machines.



DICOM image performance



Multiple I/O



Portrait and landscape modes



CS10V capability for noise immunity



Anti-reflection and anti-fingerprint capabilities



## Feature Highlights



### 01 DICOM (Digital Imaging and Communications in Medicine) features

High quality medical imaging enables doctors to precisely diagnose patients, and thus deliver proper medicine, therapy, and treatment. Advantech's VUE-3000 supports DICOM to increase medical process efficiency and accuracy.

### 02 6-axis color adjustment

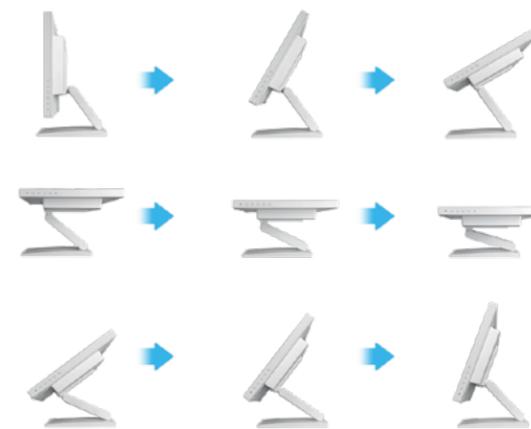
6-axis color adjustment empowers 6-parameter color (green, red, blue, cyan, magenta and yellow) adaptability. It enables users to adjust the monitor to specific color profiles; accurately displaying the monitor's color gamut in applications where color shade is a crucial consideration.

### 03 Gloved touch and active stylus pen capabilities

Advantech's VUE-3000 series features a highly-sensitive PCAP touchscreen for gloved operation. It supports 12 different glove materials — including latex (rubber), cotton, leather, nylon and polyurethane, leather and suede, cotton and nitrile, and wool — and stylus pen operation to accommodate diverse applications.

### 04 High quality, low-noise solution

Advantech's VUE-3000 medical touchscreen features CS10V capabilities to shield noise. It leverages anti-reflection and anti-fingerprint capabilities to deliver high quality images.



### 05 Adjustable dual-hinge stand

VUE-3000 touch displays can leverage dual-hinge stands to create verticals for photo/video displays. This stand can also create angles for easy touch input and stylus use via horizontal placement to fulfill diverse needs.

## Star Products



**VUE-3215**  
21.5" full HD PCAP medical-grade touch monitor with DICOM in white



**VUE-3270**  
27" full HD PCAP medical-grade touch monitor, with DICOM in white

# VUE-5000 Digital Signage Solution

Choosing solutions that fit different applications is vitally important. Advantech understands the requirements of varied applications, and has designed the following touch display selection guide to help you choose one that fits your unique requirements.



AC+DC power input design



SDM slot



Portrait and landscape modes



Operation hours



Power saving capabilities

## | Feature Highlights



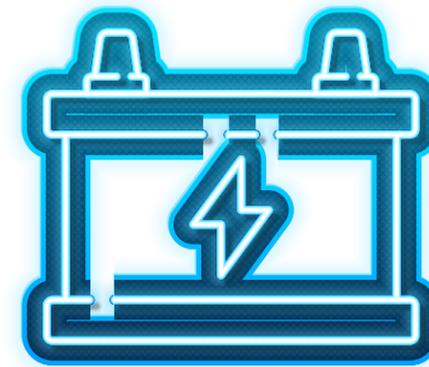
### 01 Portrait and landscape modes

Advantech VUE-5000 digital signage uses a special industrial liquid to avoid screen image LCD burns. It supports portrait and landscape modes to meet the demands of various applications.

Enhanced liquid structure and mechanical design. VUE-5000 signage solutions are designed for portrait and landscape installation.

### 02 Industrial-grade materials and design

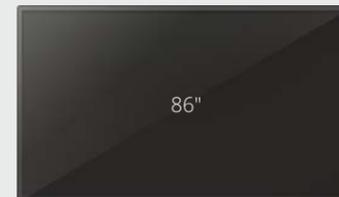
- As models range between 500 and 700 nits; Advantech's VUE-5000 digital signage is exceedingly luminous. Advantech's video walls and digital signage are ideal for shopping centers and environments with high levels of ambient light.
- Additionally, the industrial-grade panel supports up to 18 hours of continuous operation for 7 days without sleep mode.
- VUE-5000 signage solutions boast an average 50,000 hours backlight Mean Time Between Failure (MTBF).



### 03 AC and DC power input design

VUE-5000 series are designed to be energy efficient and cost effective solutions for consumers and mission critical customers. They support DC 90 ~ 144 VDC power inputs based on AC design.

## | Star Products



**VUE-5860**  
Advantech 86" UHD digital signage



**VUE-5550**  
Advantech 55" UHD digital signage



**VUE-5430**  
Advantech 43" UHD digital signage

# VUE-5000

## Digital Signage Solution

Choosing solutions that fit different applications is vitally important. Advantech understands the requirements of varied applications, and has designed the following touch display selection guide to help you choose one that fits your unique requirements.



AC+DC power input design



SDM slot



Portrait and landscape modes



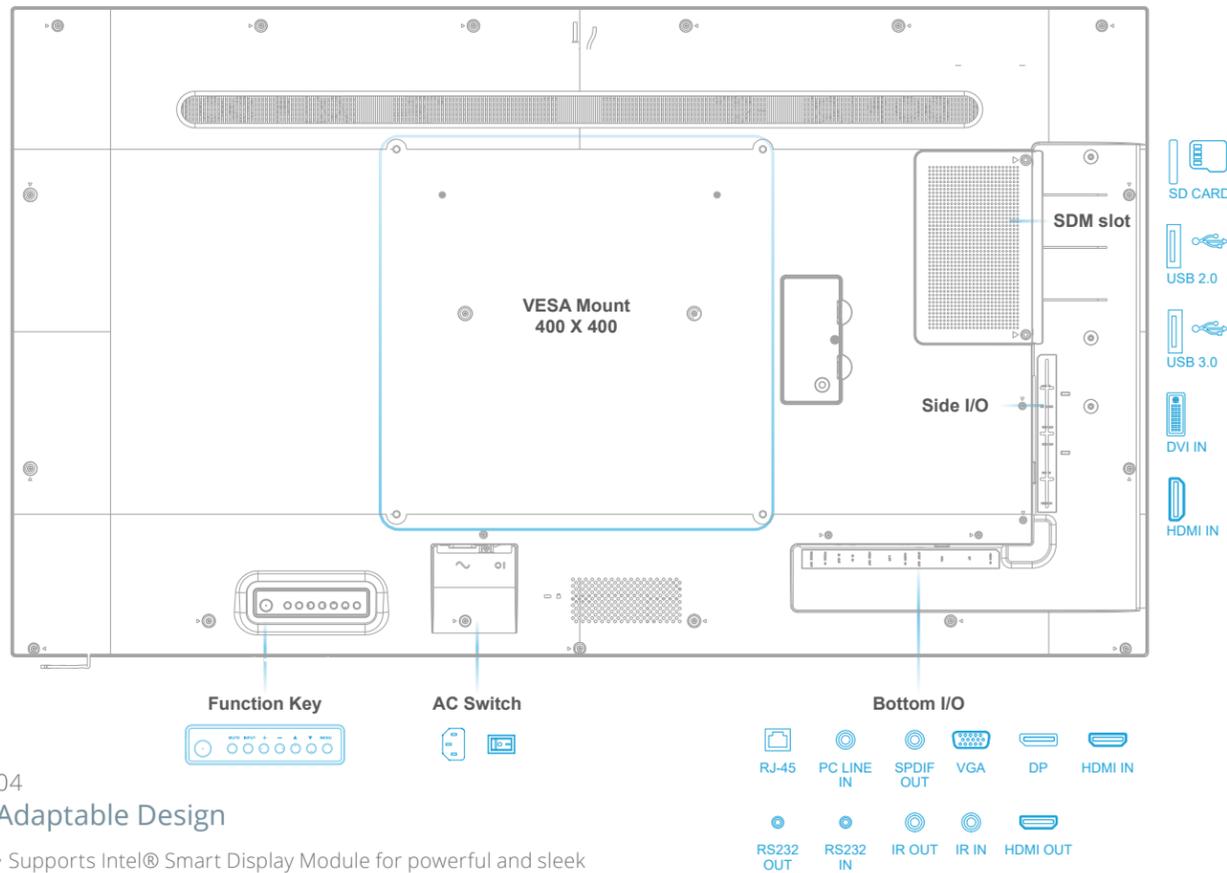
Operation hours



Power saving capabilities



### Feature Highlights



#### 04 Adaptable Design

- Supports Intel® Smart Display Module for powerful and sleek integrated displays
- Built-in VGA/HDMI/DVI/DP/USB 3.0 ports to increase adaptability
- Supports 400 x 400 mm VESA mounting

#### 05 PCAP and IR touch functionality

- Optional PCAP or IR touch functions
- CS10V noise immunity on PCAP touch models
- PCAP models support touch functionality in Windows, Linux, Android, Mac OS, and QNX

### Star Products



**VUE-5860**  
Advantech 86" UHD IR touch digital signage



**VUE-5550**  
Advantech 55" UHD PCAP touch digital signage



**VUE-5550**  
Advantech 55" UHD IR touch digital signage

# ADVANTECH'S

# INTELLIGENT FACTORY

## Reshaping your Factory with Industrial Touch Displays

Covid-19 had a serious impact on factories. According to international research organization Gartner, manpower shortages and the inconvenience of job dispatching have caused productivity drops of at least 20% in some factories. Building smart factories capable of optimizing production processes has become increasingly important in addressing these issues.

### Success Stories



Powering Real-time Command Centers



Leveraging Paperless SOP



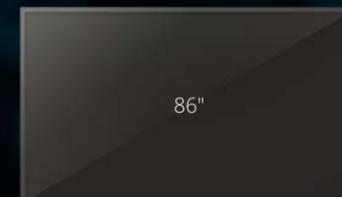
Augmenting Manufacturing Process Control



# Powering Real-time Command Centers

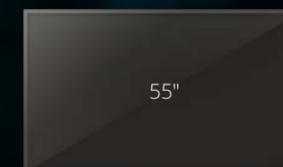
## | Star Products

Digital Signage



86"

Digital Signage



55"

Digital Signage Player



## Creating Intelligent Factories Using Real-time Command Center Signage

Advantech's command center solution delivers overviews, intelligent interactive dashboards, and equipment status updates to enable remote monitoring and control. It also utilizes intelligent management to keep factory owners informed in real-time, and visualizes big data to optimize management efficiency.

### VUE-5860

86" 4K2K ultra HD digital signage

- AC/DC power input design
- Portrait and landscape modes
- Power saving capabilities

### VUE-5550

55" 4K2K ultra HD digital signage

- AC/DC power input design
- Portrait and landscape modes
- Power saving capabilities

### DS-082

AMD Ryzen V1000 ultra-slim 3/4 display digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K



# Leveraging Paperless SOP

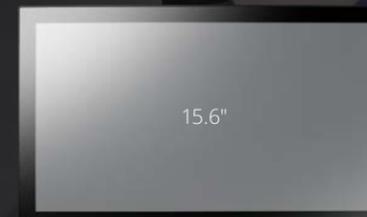
## Optimizing Production with Paperless SOP

Paperless operation enables engineers to remotely dispatch SOPs, avoid incorrect SOPs, and keep documents free from dust. It makes operations more efficient while reducing production downtime. It also improves a facilities ability to predict and adjust to changes.

### | Star Products

Panel Mount Monitor

ARM Based Box Computer



### VUE-2156

15.6" panel mount with PCAP touchscreen

- IK08 impact protection
- Multiple I/O
- Easy expansion for peripheral devices
- CS10V capability for noise immunity
- IP65 rated front panel

### EPC-R4680

ARM Based Box Computer with 4K display

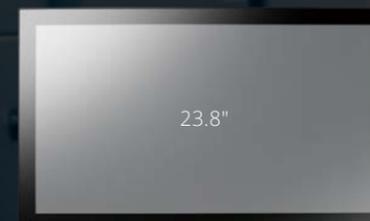
- Rockchip RK3288 Quad-cores
- 2GB RAM and 8GB on board eMMC
- 4K/2K HDMI/VGA Dual Displays
- 6 UART, 5 USB2.0 & M.2/mPCIe



# Augmenting Manufacturing Process Control

## | Star Products

Panel Mount Monitor



Slim Fanless Computer



## Improving Process Control by Increasing Production Delivery Efficiency and Accuracy

Deploying a signage or industrial display with the right external PC yields several advantages. It enables remote monitoring and management via a centralized platform and facilitates predictive maintenance and efficient troubleshooting. Additionally, it helps minimize IoT device downtime.

### VUE-2238

23.8" panel mount with PCAP touchscreen

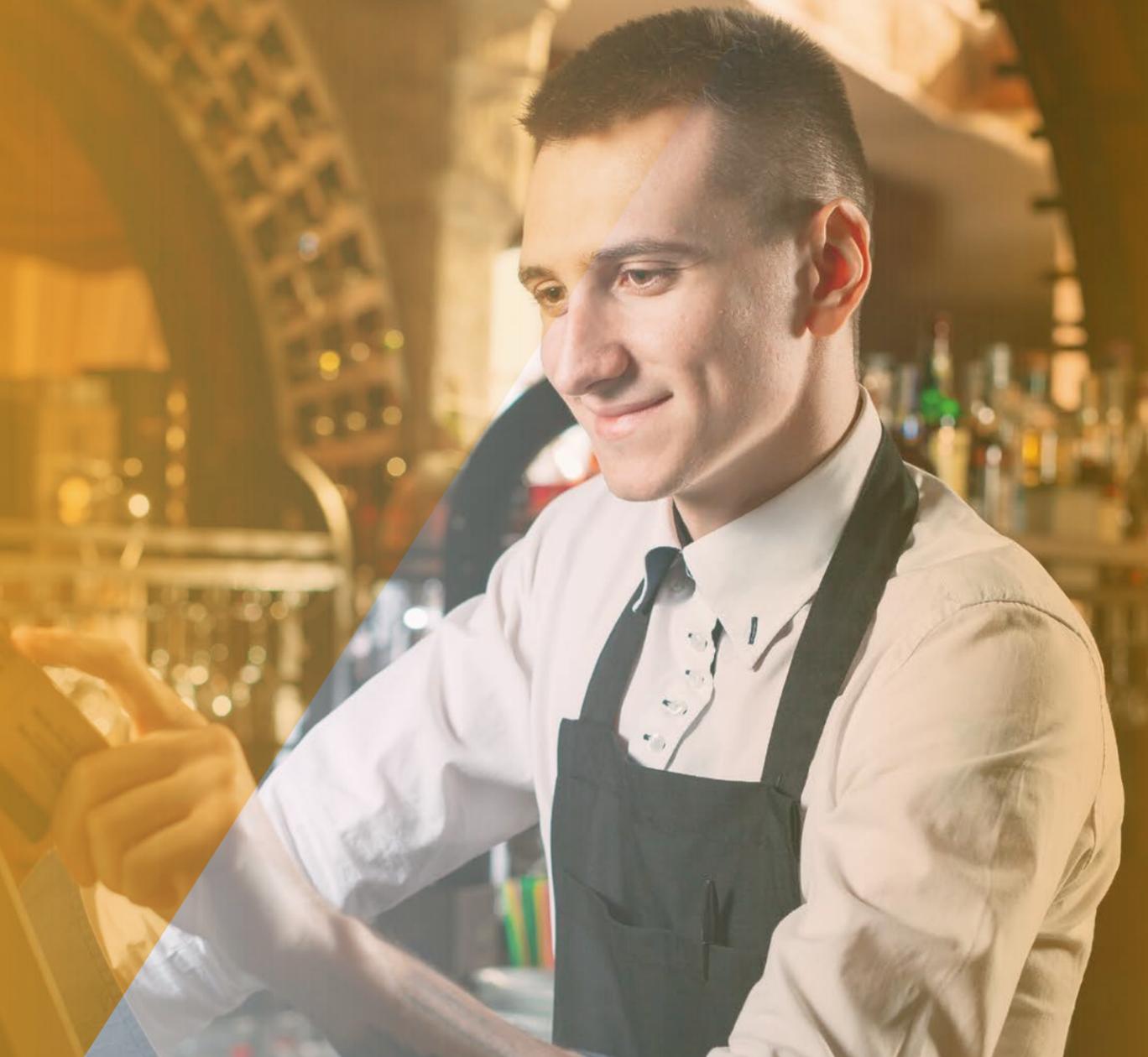
- IK08 impact protection
- Multiple I/O
- Easy expansion for peripheral devices
- CS10V capability for noise immunity
- IP65 rated front panel

### ARK-1551

Intel® 8th Generation Core™ i5/Celeron Slim Fanless Computer

- 8th Gen. Intel® Core™ i5/Celeron
- 2 x DDR4 2400MHz memory to 32G
- 4 x USB 3.1 Gen 2
- 4K/2K HDMI/VGA Dual Display

# ADVANTECH'S Retail Solutions



## Optimizing User Experiences and Improving Business Potential

Advantech provides a wide range of intelligent retail and hospitality solutions including digital signage solutions, interactive multi-media systems, self-service kiosks, AI facial recognition systems, intelligent video analysis, and intelligent POS systems. Advantech aims to influence user behavior, and provide next generation intelligent services to a myriad of industries.

### Success Stories



Broadcasting Advertisements



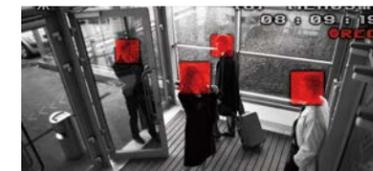
Optimizing Video Wall Solutions



Creating Self-service Kiosks



Empowering AI Facial Recognition



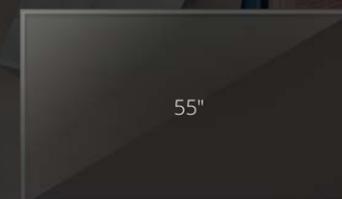
Enabling Occupancy Monitoring



# Broadcasting Advertisements

## Star Products

Digital Signage



Digital Signage Player



Digital Signage Player



## Branding, advertising, and influence through vivid media

Advantech's digital signage solutions include video walls and digital signage players. These solutions feature 4K2K ultra HD resolution screens and dual/quad HDMI outputs delivering vivid presentations that increase brand awareness.

### VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

### DS-082

AMD Ryzen V1000 digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K

### USM-110

Android signage player with CMS software bundle

- CortexA17 quad-core processor, 2G/16G, 2\*HDMI
- Multiple Media supported(Videos, Audios, Images, Scrolling text, Web...etc)
- Customized program remotely dispatch with flexible scheduling



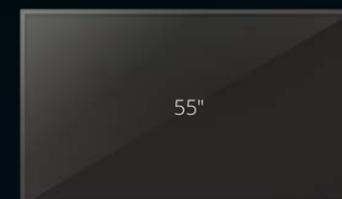
# Optimizing Video Wall Solutions

## Delivering stunning and immersive visual experiences

Advantech's video wall solutions feature 4K2K ultra HD resolution screens and dual/quad HDMI outputs that deliver vivid presentations, seamless images, scalability to any size or shape, and excellent optical characteristics.

### | Star Products

Video Wall



Digital Signage Player



### VUE-5550

55" full HD video wall

- Portrait and landscape modes
- Supports 24/7 panel operation
- No screen burn
- Supports both AC/DC power input

### DS-082

AMD Ryzen V1000 digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K



# Creating Self-service Kiosks

## Star Products

Panel Mount Monitor

ARM-based Box Computer

Thin High Performance Computer



23.8"

UP TO  
**2**  
DISPLAYS



## Improving services and increasing profits

Advantech offers stylish, functional, and flexible kiosk solutions for various applications. These solutions improve service efficiency, guest experiences, and revenue.

### VUE-2238

23.8" panel mount with PCAP touchscreen

- IK08 impact protection
- Multiple I/O
- Easy expansion for peripheral devices
- CS10V capability for noise defense
- IP65 rated front panel

### EPC-R4710

Rockchip RK3399 ARM-based box computer

- 2GB RAM and 16GB eMMC on board
- Dual HDMI (4K/2K) Displays
- 2 x GbE, 6 x UART, USB 3.0, and 5 x USB 2.0

### EPC-T4286

Numerous expansion for VPU add-on modules

- Intel® Core™ i5-8500T
- Compact Design (188 x 188 x 44.2 mm/7.4 x 7.4 x 1.73 in)
- Diverse I/O including 6 x COM, 6 x USB, and 3 x LA



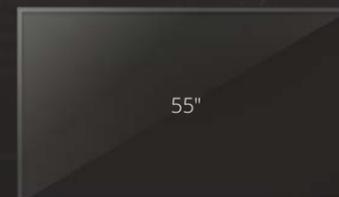
# Empowering AI Facial Recognition

## Delivering personalized services and improved satisfaction

When integrated with video analytics and data collection, Advantech AI recognition solutions offer occupancy monitoring, visitor thermal screening, and facial recognition systems. These solutions are designed for stores, stadiums, hotel lobbies, restaurants, and other public spaces.

### Star Products

Digital Signage



Occupancy Monitoring System



Smart 3D Camera



### VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

### UBX-310UST-G1E-C

VideoSense edge with software bundle

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K

### UCAM-130

3D counting camera

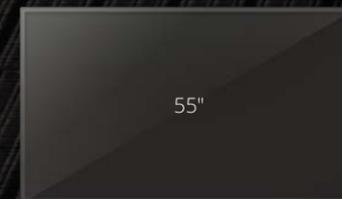
- Intelligent all-in-one device for data capture, analysis and delivery
- Easy installation and configuration via web browser
- High counting accuracy rate up to 98%



# Enabling Occupancy Monitoring

## Star Products

Digital Signage



Occupancy Monitoring System



Smart 3D Camera



## Enhance space allocation efficiency and safety

Real-time occupancy data is essential in maintaining effective social distancing policies and providing safe and healthy environments. This solution provides integrated digital signage and 3D counting cameras for flexible visual warnings, and allows users to quickly check and configure systems using the Occupancy Mobile app.

### VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

### UBX-310UST-G1E-C

VideoSense edge with software bundle

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K

### UCAM-130

3D counting camera

- Intelligent all-in-one device for data capture, analysis and delivery
- Easy installation and configuration via web browser
- High counting accuracy rate up to 98%

# ADVANTECH'S Medical & Health Care

## Delivering Accurate Medical Imaging and Reliable Diagnostics

Hospitals comprise diverse wards, departments, and sections that necessitate different medical solutions. Advantech provides adaptable medical grade touch displays, single board computers, and motherboards aimed at varied hospital applications — including facial recognition, clinic check-in systems, digital signage solutions, outpatient services, bedside monitors, and ultrasound machines.

### Success Stories



Integrating Entrance and Lobby Solutions



Streamlining Clinic Check-in Systems



Improving Doctors' Offices



Improving Patient Room Facilities



Optimizing Ultrasound Machines



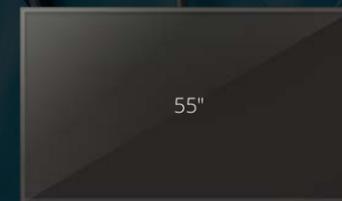
Improving Conference Room Systems



# Integrating Entrance and Lobby Solutions

I Star Products

Digital Signage



AI Fanless Inference System



Smart 3D Camera



## Ensuring hospital safety using advance security solutions

Advantech provides a number of security options, including a facial recognition solution, an integrated AI inference system, and 55" digital signage display. Users can leverage smart counting cameras to quickly assess visitors' age/gender/emotions at entry points or within waiting rooms.

### VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

### Ei-A100

Intel® Myriad X VPU built-in

- Intel® Myriad™ X VPU built-in
- FaceView for facial recognition
- 4GB RAM, 64GB SSD and Win10 IoT bundled
- 4 x 4K HDMI, 2 x USB 3.0, 2 x USB 2.0, 1 x COM, and 1 x LAN

### UCAM-130

3D counting camera

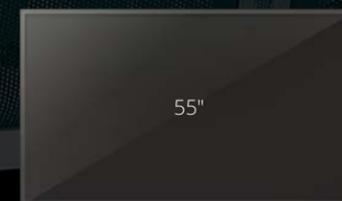
- Intelligent all-in-one device for data capture, analysis and delivery
- Easy installation and configuration via web browser
- High counting accuracy rate up to 98%



# Improving Waiting Room Experiences

## Star Products

Digital Signage



55"

SDM-L Signage Player



Mini-ITX Motherboards



## Offering personal and direct communication

Hospitals are creating functional and comfortable waiting rooms that use digital signage solutions. These solutions distribute news and announcements from government departments. They support the use of social media streams and other media formats.

### VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports both AC / DC power input

### DS-200

8th Generation Intel® Coffee Lake H

- Intel SDM-L form factor
- 3 x independent displays: golden finger (HDMI 2.0, DP1.2), front bracket (mini DP++)
- Supports Real 4K resolution
- Easy installation and maintenance with Intel® SDM slot-in design

### AIMB-228

AMD V/R-series Quad Core Mini-ITX

- High performance 4 core Zen CPU with 8 threads and 32GB DDR4 SODIMM
- Vega GPU with 11 x compute units and Quad 4K display support
- Supports 8 x PCIe, 2 x M.2 expansion slots, 6 x COM, 4 x USB 2.0, and 2 x USB 3.2 x Gen 2

# Streamlining Clinic Check-in Systems

## Streamlining outpatient services and improving quality of care

Patients can self-identify and check-in for scheduled appointments by scanning their healthcare ID card. Digital signage solutions simultaneously display real-time OPD statuses and doctor information for individual clinic rooms.



### Star Products

Medical Monitor



### VUE-3270

27" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Fingers, glove, and stylus touch
- Anti-reflect and anti-smudge treatment

COM-Express Compact



### SOM-6882

8th Gen Intel® COMe Compact Module

- 8th Gen Intel U-Series Processor
- Dual channel DDR4 SODIMM, max 64GB
- On board eMMC up to 64G
- 4 x USB 3.2 Gen2, 8 x PCIe Gen 3 lanes

Single Board Computer



### MIO-2361

Intel® Atom™ E3900 series Pico-ITX SBC

- Onboard LPDDR4-2400, Max. 8GB
- eMMC Max. 64GB
- -40 ~ 85 °C (-40 ~ 85 °F) passive thermal solution for E3900 series
- iManager 3.0 and Software APIs, WISEPaaS/DeviceOn



| Star Products

Medical-grade Monitor

Medical-grade Monitor

Stylus Pen

# Improving Doctors' Offices



## Increasing outpatient service efficiency and accuracy

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology. It supports portrait/landscape display modes and active stylus pen capabilities aimed at accurate and easy diagnostics and interpretation.

### VUE-3270

27" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Anti-reflect and anti-smudge treatment

### VUE-3215

21.5" full HD PCAP Medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Anti-reflect and anti-smudge treatment

### 960T-A15DEE-B0

Active Stylus Pen

- Adaptable with VUE touch display models
- End users can set the solutions to their applications needs
- One AAA battery is required



# Improving Patient Room Facilities

## Delivering excellent and effective healthcare services

Advantech's bedside and nursing cart solutions help provide real-time parameters and analysis aimed at accommodating different clinical environments. When connected to nursing stations they deliver effective, patient-centric services.

### Star Products

Medical-grade Monitor



### VUE-3215

21.5" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Fingers, glove, and stylus touch
- Anti-reflective and anti-smudge treatment

Mini-ITX Motherboard



### AIMB-233

8th Gen Intel® Core™ U i5 THIN Mini-ITX

- 8th Gen Intel® Core U i5
- Up to 64GB DDR4 2400 memory
- Supports multiple display I/O
- Wide range 12-24V DC input
- -20 ~ 70 °C (-4 ~ 158 °F) operating temperature

UTX Motherboards



### AIMB-U233

8th Gen Intel® Core™ i5 UTX motherboard

- Palm-sized motherboard design (112 x 137 mm)
- Powerful 8th generation Intel® Core™ i processor for fanless operation
- Diverse I/O and system expansion slots: 4x COM, 4x USB, 2x HDMI, 2x GbE LAN, 16-bit GPIO, and 3x M.2 expansion slots



# Optimizing Ultrasound Machines

## | Star Products

Medical-grade Monitor



Mini-ITX Motherboard



UTX Motherboards



## Enhancing diagnostic confidence using accurate medical imaging

Ultrasound machines provide advanced diagnostic capabilities that streamline and shorten diagnostic processes. Advantech's VUE-3000 medical grade monitor, SBCs, and Computers-on-Module integrate existing systems and infrastructure with ease.

### VUE-3215

21.5" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Fingers, glove, and stylus touch
- Anti-reflective and anti-smudge treatment

### MIO-5373

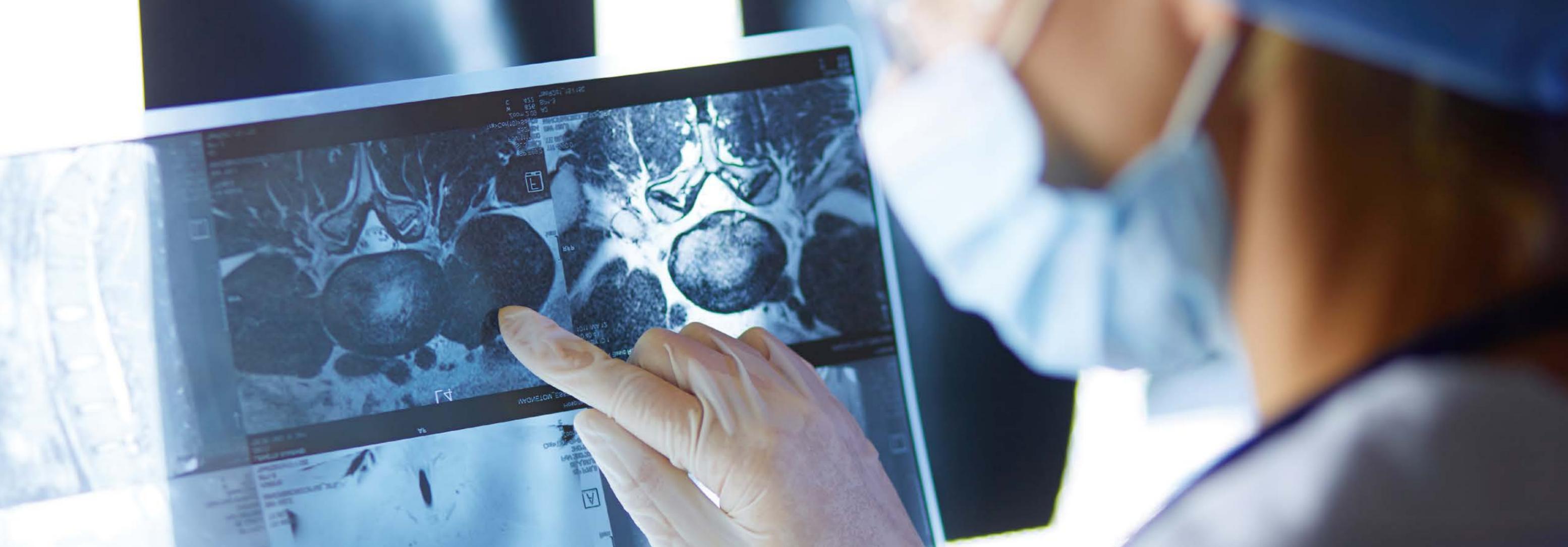
Intel® Core i7 3.5" SBC w/ MIOe

- Intel® Core™ Processor with Quad/Dual Cores, TDP 15W
- Dual Channel DDR4-2400 Max. 32GB
- Onboard eMMC Max. 64GB
- Triple simultaneous displays, 2 x GbE, 4 x USB 3.1, M.2 B-Key 2280 supports NVMe

### ROM-7421

NXP ARM Cortex-A9 i.MX6 Qseven 2.0 Module

- Onboard DDR3 memory 1 GB/2 GB
- Onboard eMMC NAND Flash 4 GB
- Supports OpenGL ES 2.0 and OpenVG 1.1 hardware accelerators, full HD 1080p video codec
- HDMI, Dual Channel 24bit LVDS



# Powering OCT Machines

## | Star Products

Medical-grade Monitor

COM-Express Compact

Single Board Computer



## Enhancing diagnostic confidence using accurate medical imaging

OCT machines provide advanced diagnostic capabilities that streamline and shorten diagnostic processes. Advantech's VUE-3000 medical grade monitor, SBCs, and Computers-on-Module integrate existing systems and infrastructure with ease.

### VUE-3215

21.5" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDP compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Anti-reflective and anti-smudge treatment

### SOM-6882

Intel® 8th Gen COMe Compact Module

- 8th Gen Intel U-Series Processor
- Dual channel DDR4 SODIMM, max 64GB
- On board eMMC up to 64G
- 4 x USB 3.2 Gen 2, 8 x PCIe Gen 3 lanes

### MIO-2360

Intel® Pentium N4200 Pico-ITX SBC

- DDR3L 1866MHz Max. 8BG
- Dual display: 24-bit LVDS+VGA/HDMI
- -40 ~ 85 °C (-40 ~ 185 °), passive thermal solution for E3900 series
- iManager 3.0 and Software APIs, WISE-PaaS/DeviceOn

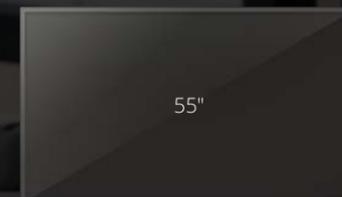
# Improving Conference Room Systems

## Synchronizing medical imaging and diagnostic consultation

Patients scheduled for surgery, radiation/chemotherapy, and other procedures require accurate consultation. Advantech's digital signage solutions provide 4/2K ultra HD resolution and PCAP touch screens to improve patient/staff meetings.

### | Star Products

Digital Signage



55"

### VUE-5550

55" 4K2K ultra HD digital signage

- Portrait and landscape modes
- 18 hours by 7 days operation panel
- No screen burn
- Supports AC/DC power inputs

Digital Signage Player



### DS-082

AMD Ryzen V1000 digital signage player

- AMD Ryzen V1000/R1000 processor
- AMD Radeon™ HD graphics
- 3/4 HDMI display output
- Resolution up to 4K



## Leveraging CT Scan/PACS

### Star Products

Medical-grade Monitor

COM-Express Compact

MicroATX Motherboards



## Optimizing Color Performance for Medical Images

CT scans are useful in detecting various diseases, abnormalities, and injuries. Advantech's VUE-3000 uses a motherboard to conduct remote diagnostics, and DICOM to connect to MRI, CT scan, and PACS.

### VUE-3270

27" full HD PCAP medical-grade touch monitor

- DICOM Part 14 GSDF compliant
- 6-axis color adjust (R/G/B/C/M/Y)
- Front IK08 impact protection
- Supports fingers, glove, and stylus touch
- Supports anti-reflective and anti-smudge treatment

### SOM-6869

Intel Atom COMe Compact Module

- Intel Atom E3900, Pentium, Celeron Processors
- Dual Channel DDR3L memory, Max 8GB
- Up to 3 Simultaneous Displays
- -40 ~ 85 °C (-40 ~ 185 °F) Operational Temperature

### AIMB-586

Intel® Xeon® E3, MicroATX (LVDS)

- 8th/ 9th Gen Intel® Xeon® processor with C246 chipset
- Supports HDMI 2.0a(optional), 2 x DP++, eDP/LVDS (optional) displays
- Supports triple independent display
- Supports DirectX11.1, OpenGL 5.0 and OpenCL 2.1

# Product Selection

## VUE-3000 Series

Advantech's VUE-3000 series is compliant with IEC 60601-1 certifications and features Digital Imaging and Communications in Medicine (DICOM) technology.



## VUE-5000 Series

The VUE-5000 series includes non-touch, PCAP touch, and IR touch solutions. It features high image quality with IPS, has an elegant design with a narrow bezel, and accepts 90 ~ 144VDC power input based on AC power design.

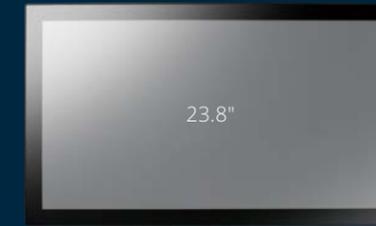
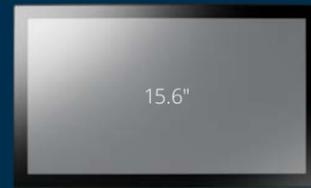


## VUE-2000 Series

Advantech's VUE-2000 series features high-sensitivity PCAP touchscreen for gloved operation and CS10V capabilities for noise immunity. They incorporate ruggedized vibration-resistant IK07 and IK08 certified designs with multiple I/O.

# VUE-2000

## Panel Mount Monitor



| Model name  | VUE-2101                             |                                      | VUE-2156                             |                                      |
|-------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number | VUE-2101-WX50PX-A4                   | VUE-2101-WX50MX-A4                   | VUE-2156-FD45PX-N4                   | VUE-2156-FD45MX-N4                   |
| Description | 10.1" Touch Panel Mount              | 10.1" Panel Mount                    | 15.6" Touch Panel Mount              | 15.6" Panel Mount                    |
| Brand       | Advantech                            | Advantech                            | Advantech                            | Advantech                            |
| Features    | 10-point touch function (PCAP)       | 1.8mm anti-glare (AG) cover glass    | 10-point touch function (PCAP)       | 1.8mm anti-glare (AG) cover glass    |
|             | Industrial-grade display module      | Industrial-grade display module      | Industrial-grade display module      | Industrial-grade display module      |
|             | Installation of multi-way            | Installation of multi-way            | Installation of multi-way            | Installation of multi-way            |
|             | Diverse connectivity for multi-media |
|             | Front IP65 water-proof rating        |

### Display

|                        |                   |                   |                   |                   |
|------------------------|-------------------|-------------------|-------------------|-------------------|
| Active Screen Size     | 10.1 inch         | 10.1 inch         | 15.6 inch         | 15.6 inch         |
| Aspect Ratio           | 16:10 (Wide)      | 16:10 (Wide)      | 16:9 (Wide)       | 16:9 (Wide)       |
| Resolution             | 1280 x 800 (WXGA) | 1280 x 800 (WXGA) | 1920 x 1080 (FHD) | 1920 x 1080 (FHD) |
| Brightness             | 500 nits (Typ.)   | 500 nits (Typ.)   | 450 nits (Typ.)   | 450 nits (Typ.)   |
| Backlight Life (Hours) | 50,000 (Typ.)     | 50,000 (Typ.)     | 50,000 (Typ.)     | 50,000 (Typ.)     |

### Touch

|              |                                   |     |                                   |     |
|--------------|-----------------------------------|-----|-----------------------------------|-----|
| Touch Type   | Projected Capacitive Touch (PCAP) | N/A | Projected Capacitive Touch (PCAP) | N/A |
| Touch Method | Finger/Glove/Active Stylus        | N/A | Finger/Glove/Active Stylus        | N/A |

### Connectivity

|                   |   |   |   |   |
|-------------------|---|---|---|---|
| Video Input       | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort |
| Audio Inout       | 1 x audio line in                             |
| Video Output      | 2W+2W Internal Speaker                        | 2W+2W Internal Speaker                        | 2W+2W Internal Speaker                        | 2W+2W Internal Speaker                        |
| Other Ports/Slots | USB typeB x 1 (for touch), USB typeA 3.0 x 2  | USB typeA 3.0 x 2                             | USB typeB x 1 (for touch), USB typeA 3.0 x 2  | USB typeA 3.0 x 2                             |

### Power

|                   |                                 |                                 |                                 |                                 |
|-------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Power Type        | External Adapter, AC to DC, 19V |
| Power Input       | 100-240Vac, 50-60Hz, 1.5A       | 100-240Vac, 50-60Hz, 1.5A       | 100-240Vac, 50-60Hz, 1.5A       | 100-240Vac, 50-60Hz, 1.5A       |
| Power Consumption | 15W (Typ.)                      | 13W (Typ.)                      | 24W (Typ.)                      | 22W (Typ.)                      |

### Mechanical Design/Installation

|                          |                              |                              |                              |                              |
|--------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Housing Material         | 0.8 mm sheet metal (black)   |
| Waterproof Rating        | Front IP65                   | Front IP65                   | Front IP65                   | Front IP65                   |
| Installation Rotation    | Landscape/Portrait           | Landscape/Portrait           | Landscape/Portrait           | Landscape/Portrait           |
| Mounting on Wall/Machine | 100 x 100 mm, VESA grid      |
| Mounting with Stand/Arm  | 100 x 100 mm, VESA grid      |
| Mounting Bracket         | 64 mm, Side mount screw hole |
| Extending PC/Peripherals | 64 mm, Side mount screw hole |

### Optional Accessories

|                |                 |                 |                  |                  |
|----------------|-----------------|-----------------|------------------|------------------|
| Active Stylus  | 96OT-A15DEE-B0  | 96OT-A15DEE-B0  | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   |
| Desktop Stand  | N/A             | N/A             | 96OT-DS-10H10V-M | 96OT-DS-10H10V-M |
| Wall Mount Arm | 96OT-WM-10H10V2 | 96OT-WM-10H10V2 | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  |

| Model name  | VUE-2238                             |                                      | VUE-2150                             |
|-------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number | VUE-2238-FD35PX-N4                   | VUE-2238-FD35MX-N4                   | VUE-2150-XA50PX-N4                   |
| Description | 23.8" Touch Panel Mount              | 23.8" Panel Mount                    | 15.0" Touch Panel Mount              |
| Brand       | Advantech                            | Advantech                            | Advantech                            |
| Features    | 10-point touch function (PCAP)       | 1.8mm anti-glare (AG) cover glass    | 10-point touch function (PCAP)       |
|             | Industrial-grade display module      | Industrial-grade display module      | Industrial-grade display module      |
|             | Installation of multi-way            | Installation of multi-way            | Installation of multi-way            |
|             | Diverse connectivity for multi-media | Diverse connectivity for multi-media | Diverse connectivity for multi-media |
|             | Front IP65 water-proof rating        | Front IP65 water-proof rating        | Front IP65 water-proof rating        |

### Display

|                        |                   |                   |                  |
|------------------------|-------------------|-------------------|------------------|
| Active Screen Size     | 23.8 inch         | 23.8 inch         | 15.0 inch        |
| Aspect Ratio           | 16:9 (Wide)       | 16:9 (Wide)       | 4:3 (Square)     |
| Resolution             | 1920 x 1080 (FHD) | 1920 x 1080 (FHD) | 1024 x 768 (XGA) |
| Brightness             | 350 nits (Typ.)   | 350 nits (Typ.)   | 500nits (Typ.)   |
| Backlight Life (Hours) | 30,000 (Typ.)     | 30,000 (Typ.)     | 50,000 (Typ.)    |

### Touch

|              |                                   |     |                                   |
|--------------|-----------------------------------|-----|-----------------------------------|
| Touch Type   | Projected Capacitive Touch (PCAP) | N/A | Projected Capacitive Touch (PCAP) |
| Touch Method | Finger/Glove/Active Stylus        | N/A | Finger/Glove/Active Stylus        |

### Connectivity

|                   |   |   |   |
|-------------------|---|---|---|
| Video Input       | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort |
| Audio Inout       | 1 x audio line in                             | 1 x audio line in                             | 1 x audio line in                             |
| Video Output      | 2W+2W Internal Speaker                        | 2W+2W Internal Speaker                        | 3W+3W Internal Speaker                        |
| Other Ports/Slots | USB typeB x 1 (for touch), USB typeA 3.0 x 2  | USB typeA 3.0 x 2                             | 9 pin D-Sub x 1 (For external Function key)   |

### Power

|                   |                                 |                                 |                                 |
|-------------------|---------------------------------|---------------------------------|---------------------------------|
| Power Type        | External Adapter, AC to DC, 19V | External Adapter, AC to DC, 19V | External Adapter, AC to DC, 12V |
| Power Input       | 100-240Vac, 50-60Hz, 1.5A       | 100-240Vac, 50-60Hz, 1.5A       | 100-240Vac, 50-60Hz, 1A         |
| Power Consumption | 35W (Typ.)                      | 32W (Typ.)                      | 18W (Typ.)                      |

### Mechanical Design/Installation

|                          |                              |                              |   |
|--------------------------|------------------------------|------------------------------|---|
| Housing Material         | 1.0 mm sheet metal (black)   | 1.0 mm sheet metal (black)   | 1.0 mm steel metal (black), Aluminium bezel |
| Waterproof Rating        | Front IP65                   | Front IP65                   | Front IP65                                  |
| Installation Rotation    | Landscape/Portrait           | Landscape/Portrait           | Landscape/Portrait                          |
| Mounting on Wall/Machine | 100 x 100 mm, VESA grid      | 100 x 100 mm, VESA grid      | 100 x 100 mm, VESA grid                     |
| Mounting with Stand/Arm  | 100 x 100 mm, VESA grid      | 100 x 100 mm, VESA grid      | 100 x 100 mm, VESA grid                     |
| Mounting through Bracket | 64 mm, Side mount screw hole | 64 mm, Side mount screw hole | 75 mm, Side mount screw hole                |
| Extending PC/Peripherals | 64 mm, Side mount screw hole | 64 mm, Side mount screw hole | 75 mm, Side mount screw hole                |

### Optional Accessory

|                |                  |                  |                 |
|----------------|------------------|------------------|-----------------|
| Active Stylus  | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   | 96OT-A15DEE-B0  |
| Desktop Stand  | 96OT-DS-10H10V-L | 96OT-DS-10H10V-L | N/A             |
| Wall Mount Arm | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  | 96OT-WM-10H10V2 |

# VUE-3000

## Medical Grade Touch Monitor



| Model name  | VUE-3215                             |                                      | VUE-3270                             |                                      |
|-------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number | VUE-3215-FD25PX-N5                   | VUE-3215-FD25PX-N6                   | VUE-3270-FD30PX-A5                   | UE-3270-FD30PX-A6                    |
| Description | 21.5" Touch Monitor (White)          | 21.5" Touch Monitor (Black)          | 27.0" Touch Monitor (White)          | 27.0" Touch Monitor (Black)          |
| Brand       | Advantech                            | Advantech                            | Advantech                            | Advantech                            |
| Features    | Elegant white housing                | Classic black housing                | Elegant white housing                | Classic black housing                |
|             | AR+AS coating best fit with medical  |
|             | 10-point touch function (PCAP)       |
|             | Industrial-grade display module      | Industrial-grade display module      | Industrial-grade display module      | Industrial-grade display module      |
|             | Diverse connectivity for multi-media |

### Display

|                        |                   |                   |                   |                   |
|------------------------|-------------------|-------------------|-------------------|-------------------|
| Active Screen Size     | 21.5 inch         | 21.5 inch         | 27.0 inch         | 27.0 inch         |
| Aspect Ratio           | 16:9 (Wide)       | 16:9 (Wide)       | 16:9 (Wide)       | 16:9 (Wide)       |
| Resolution             | 1920 x 1080 (FHD) |
| Brightness             | 300nits (Typ.)    | 300nits (Typ.)    | 300nits (Typ.)    | 300nits (Typ.)    |
| Backlight Life (Hours) | 50,000 (Typ.)     | 50,000 (Typ.)     | 40,000 (Typ.)     | 40,000 (Typ.)     |

### Touch

|              |                                   |                                   |                                   |                                   |
|--------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Touch Type   | Projected Capacitive Touch (PCAP) |
| Touch Method | Finger/Glove/Active Stylus        | Finger/Glove/Active Stylus        | Finger/Glove/Active Stylus        | Finger/Glove/Active Stylus        |

### Connectivity

|                   |  |  |  |  |
|-------------------|--|--|--|--|
| Video Input       | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  |
| Audio Inout       | 1 x audio line in                              |
| Video Output      | 2W+2W Internal Speaker                         | 2W+2W Internal Speaker                         | 2W+2W Internal Speaker                         | 2W+2W Internal Speaker                         |
| Other Ports/Slots | 1 x USB type B (for touch), 2 x USB type A 3.0 | 1 x USB type B (for touch), 2 x USB type A 3.0 | 1 x USB type B (for touch), 2 x USB type A 3.0 | 1 x USB type B (for touch), 2 x USB type A 3.0 |

### Power

|                   |                                 |                                 |                                 |                                 |
|-------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Power Type        | External Adapter, AC to DC, 19V |
| Power Input       | 100-240VAc, 50-60Hz, 2.5A       | 100-240VAc, 50-60Hz, 2.5A       | 100-240VAc, 50-60Hz, 2.5A       | 100-240VAc, 50-60Hz, 2.5A       |
| Power Consumption | 35W (Typ.)                      | 35W (Typ.)                      | 40W (Typ.)                      | 40W (Typ.)                      |

### Mechanical Design/Installation

|                          |                         |                         |                         |                         |
|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Housing Material         | Plastic Texture (White) | Plastic Texture (Black) | Plastic Texture (White) | Plastic Texture (Black) |
| Waterproof Rating        | N/A                     | N/A                     | N/A                     | N/A                     |
| Installation Rotation    | Landscape               | Landscape               | Landscape               | Landscape               |
| Mounting on Wall/Machine | 100 x 100 mm, VESA grid |
| Mounting with Stand/Arm  | 100 x 100 mm, VESA grid |
| Mounting through Bracket | N/A                     | N/A                     | N/A                     | N/A                     |
| Extending PC/Peripherals | N/A                     | N/A                     | N/A                     | N/A                     |

### Optional Accessory

|                |                  |                  |                  |                  |
|----------------|------------------|------------------|------------------|------------------|
| Active Stylus  | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   |
| Desktop Stand  | Packing included | Packing included | Packing included | Packing included |
| Wall Mount Arm | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  |

## IT Grade Touch Monitor



| Model name  | VUE-3215                             |                                      | VUE-3270                             |                                      |
|-------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number | VUE-3215-FD25PX-N3                   | VUE-3215-FD25PX-N4                   | VUE-3270-FD30PX-A3                   | VUE-3270-FD30PX-A4                   |
| Description | 21.5" Touch Monitor (White)          | 21.5" Touch Monitor (Black)          | 27.0" Touch Monitor (White)          | 27.0" Touch Monitor (Black)          |
| Brand       | Advantech                            | Advantech                            | Advantech                            | Advantech                            |
| Features    | Elegant white housing                | Classic black housing                | Elegant white housing                | Classic black housing                |
|             | AR+AS coating best fit with medical  |
|             | 10-point touch function (PCAP)       |
|             | Industrial-grade display module      | Industrial-grade display module      | Industrial-grade display module      | Industrial-grade display module      |
|             | Diverse connectivity for multi-media |

### Display

|                        |                   |                   |                   |                   |
|------------------------|-------------------|-------------------|-------------------|-------------------|
| Active Screen Size     | 21.5 inch         | 21.5 inch         | 27.0 inch         | 27.0 inch         |
| Aspect Ratio           | 16:9 (Wide)       | 16:9 (Wide)       | 16:9 (Wide)       | 16:9 (Wide)       |
| Resolution             | 1920 x 1080 (FHD) |
| Brightness             | 300nits (Typ.)    | 300nits (Typ.)    | 300nits (Typ.)    | 300nits (Typ.)    |
| Backlight Life (Hours) | 50,000 (Typ.)     | 50,000 (Typ.)     | 40,000 (Typ.)     | 40,000 (Typ.)     |

### Touch

|              |                                   |                                   |                                   |                                   |
|--------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Touch Type   | Projected Capacitive Touch (PCAP) |
| Touch Method | Finger/Glove/Active Stylus        | Finger/Glove/Active Stylus        | Finger/Glove/Active Stylus        | Finger/Glove/Active Stylus        |

### Connectivity

|                   |  |  |  |  |
|-------------------|--|--|--|--|
| Video Input       | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  | 1 x VGA, 1 x HDMI, 1 x DVI-D, 1 x DisplayPort  |
| Audio Inout       | 1 x audio line in                              |
| Video Output      | 2W+2W Internal Speaker                         | 2W+2W Internal Speaker                         | 2W+2W Internal Speaker                         | 2W+2W Internal Speaker                         |
| Other Ports/Slots | 1 x USB type B (for touch), 2 x USB type A 3.0 | 1 x USB type B (for touch), 2 x USB type A 3.0 | 1 x USB type B (for touch), 2 x USB type A 3.0 | 1 x USB type B (for touch), 2 x USB type A 3.0 |

### Power

|                   |                                 |                                 |                                 |                                 |
|-------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Power Type        | External Adapter, AC to DC, 19V |
| Power Input       | 100-240VAc, 50-60Hz, 2.5A       | 100-240VAc, 50-60Hz, 2.5A       | 100-240VAc, 50-60Hz, 2.5A       | 100-240VAc, 50-60Hz, 2.5A       |
| Power Consumption | 35W (Typ.)                      | 35W (Typ.)                      | 40W (Typ.)                      | 40W (Typ.)                      |

### Mechanical Design/Installation

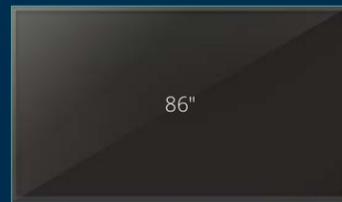
|                          |                         |                         |                         |                         |
|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Housing Material         | Plastic Texture (White) | Plastic Texture (Black) | Plastic Texture (White) | Plastic Texture (Black) |
| Waterproof Rating        | N/A                     | N/A                     | N/A                     | N/A                     |
| Installation Rotation    | Landscape               | Landscape               | Landscape               | Landscape               |
| Mounting on Wall/Machine | 100 x 100 mm, VESA grid |
| Mounting with Stand/Arm  | 100 x 100 mm, VESA grid |
| Mounting through Bracket | N/A                     | N/A                     | N/A                     | N/A                     |
| Extending PC/Peripherals | N/A                     | N/A                     | N/A                     | N/A                     |

### Optional Accessory

|                |                  |                  |                  |                  |
|----------------|------------------|------------------|------------------|------------------|
| Active Stylus  | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   | 96OT-A15DEE-B0   |
| Desktop Stand  | Packing included | Packing included | Packing included | Packing included |
| Wall Mount Arm | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  | 96OT-WM-10H10V2  |

# VUE-5000

## Digital Signage



| Model name  | VUE-5860                                 | VUE-5550                             |
|-------------|--|--------------------------------------|
| Part Number | VUE-5860-UD41SX-L0                       | VUE-5550-UD50SX-V0                   |
| Description | 86" 4K Ultra HD IR Touch Digital Signage | 55" 4K Ultra HD Digital Signage      |
| Brand       | Advantech                                | Advantech                            |
| Features    | Vivid 4K Ultra HD resolution             | Vivid 4K Ultra HD resolution         |
|             | Reliable 18x7 operation                  | Reliable 18x7 operation              |
|             | Convenient USB Plug and Play             | With SDM slot for optional computing |
|             | Diverse connectivity for multi-media     | Convenient USB Plug and Play         |
|             | Support both AC and DC power input       | Diverse connectivity for multi-media |

### Display

| Active Screen Size     | 85.6"             | 54.6"             |
|------------------------|-------------------|-------------------|
| Aspect Ratio           | 16:9 (Wide)       | 16:9 (Wide)       |
| Resolution             | 3840 x 2160 (UHD) | 3840 x 2160 (UHD) |
| Brightness             | 410 nits (Typ.)   | 500 nits (Typ.)   |
| Backlight Life (Hours) | 50,000 (Typ.)     | 30,000 (Typ.)     |

### Touch

|              |                                       |     |
|--------------|---------------------------------------|-----|
| Touch Type   | Infrared Touch (IR)                   | N/A |
| Touch Method | 20-Point Touch (USB typeB interface ) | N/A |

### Connectivity

|                   |  |   |
|-------------------|--|---|
| Video Input       | HDMI x 4, VGA x 1, Display Port x 1                  | HDMI x 2, VGA x 1, DVI x 1, DisplayPort x 1   |
| Audio Inout       | 1 x audio line in                                    | 1 x audio line in   |
| Control Inout     | 1 x RS-232, 1 x IR, 1 x LAN                          | 1 x RS-232, 1 x IR  |
| Other Ports/Slots | 1 x Micro SD Card slot, 1 x OPS slot, 4 x USB type A | 1 x SDM-L, 1 x Micro SD Card slot, 1 x USB type A 2.0, 1 x USB type A 3.0, 1 x HDMI |
| Video Output      | N/A  | HDMI x 1  |
| Audio Output      | 10W+10W internal speaker, 1 x audio Line out         | 10W+10W internal speaker, 1 x audio Line out  |
| Control Output    | 1 x RS-232, 1 x IR                                   | 1 x RS-232, 1 x IR  |

### Power

|                   |                         |                           |
|-------------------|-------------------------|---------------------------|
| Power Type        | Internal power board    | Internal power board      |
| Power Input       | 100-240VAC, 50-60Hz, 6A | 100-240VAC, 50-60Hz, 3.2A |
| Power Consumption | 300W (Typ.)             | 140W (Typ.)               |

### Mechanical Design

|                          |                         |                         |
|--------------------------|-------------------------|-------------------------|
| Housing Material         | Plastic Texture (Black) | Plastic Texture (Black) |
| Waterproof Rating        | N/A                     | N/A                     |
| Installation Rotation    | Landscape               | Landscape/Portrait      |
| Mounting on Wall/Machine | 400 x 600 mm, VESA grid | 400 x 400 mm, VESA grid |

### Optional Accessory

|                         |                |                 |
|-------------------------|----------------|-----------------|
| Wall Mount (Adjustable) | 96OT-WM-80H50V | 96OT-WM-40H40V  |
| Wall Mount (Fixed)      | N/A            | 96OT-WM-40H40VF |

| Model name  | VUE-5550                                 | VUE-5430                             |
|-------------|--|--------------------------------------|
| Part Number | VUE-5550-UD50IX-V0                       | VUE-5430-UD50SX-V0                   |
| Description | 55" 4K Ultra HD IR Touch Digital Signage | 43" 4K Ultra HD Digital Signage      |
| Brand       | Advantech                                | Advantech                            |
| Features    | Vivid 4K Ultra HD resolution             | Vivid 4K Ultra HD resolution         |
|             | Reliable 18x7 operation                  | Reliable 18x7 operation              |
|             | With SDM slot for optional computing     | With SDM slot for optional computing |
|             | Convenient USB Plug and Play             | Convenient USB Plug and Play         |
|             | Advanced IR 20-point touch               | Diverse connectivity for multi-media |

### Display

| Active Screen Size     | 54.6"             | 43"               |
|------------------------|-------------------|-------------------|
| Aspect Ratio           | 16:9 (Wide)       | 16:9 (Wide)       |
| Resolution             | 3840 x 2160 (UHD) | 3840 x 2160 (UHD) |
| Brightness             | 500 nits (Typ.)   | 500 nits (Typ.)   |
| Backlight Life (Hours) | 30,000 (Typ.)     | 30,000 (Typ.)     |

### Touch

|              |                                       |     |
|--------------|---------------------------------------|-----|
| Touch Type   | Infrared Touch (IR)                   | N/A |
| Touch Method | 20-Point Touch (USB typeB interface ) | N/A |

### Connectivity

|                   |   |   |
|-------------------|---|---|
| Video Input       | HDMI x 2, VGA x 1, DVI x 1, DisplayPort x 1   | 2 x HDMI, 1 x VGA   |
| Audio Inout       | 1 x audio line in   | 1 x audio line in   |
| Control Inout     | 1 x RS-232 , 1 x IR   | 1 x RS-232, 1 x IR, 1 x LAN   |
| Other Ports/Slots | 1 x SDM-L, 1 x Micro SD Card slot, 1 x USB type A 2.0, 1 x USB type A 3.0, 1 x HDMI | 1 x SDM-L, 1 x Micro SD Card slot, 1 x USB type A 2.0, 1 x USB type A 3.0, 1 x HDMI |
| Video Output      | HDMI x 1  | N/A   |
| Audio Output      | 10W+10W internal speaker, 1 x audio Line out  | 10W+10W internal speaker, 1 x audio Line out  |
| Control Output    | 1 x RS-232, 1 x IR  | 1 x RS-232, 1 x IR  |

### Power

|                   |                           |                           |
|-------------------|---------------------------|---------------------------|
| Power Type        | Internal power board      | Internal power board      |
| Power Input       | 100-240VAC, 50-60Hz, 3.2A | 100-240VAC, 50-60Hz, 2.6A |
| Power Consumption | 140W (Typ.)               | 116W (Typ.)               |

### Mechanical Design

|                          |                         |                         |
|--------------------------|-------------------------|-------------------------|
| Housing Material         | Plastic Texture (Black) | Plastic Texture (Black) |
| Waterproof Rating        | N/A                     | N/A                     |
| Installation Rotation    | Landscape/Portrait      | Landscape/Portrait      |
| Mounting on Wall/Machine | 400 x 400 mm, VESA grid | 200 x 200 mm, VESA grid |

### Optional Accessory

|                         |                 |                 |
|-------------------------|-----------------|-----------------|
| Wall Mount (Adjustable) | 96OT-WM-40H40V  | 96OT-WM-40H40V  |
| Wall Mount (Fixed)      | 96OT-WM-40H40VF | 96OT-WM-40H40VF |

## Regional Service & Customization Centers

|              |                             |               |                           |                    |                             |               |                           |            |                                |
|--------------|-----------------------------|---------------|---------------------------|--------------------|-----------------------------|---------------|---------------------------|------------|--------------------------------|
| <b>China</b> | Kunshan<br>86-512-5777-5666 | <b>Taiwan</b> | Taipei<br>886-2-7732-3399 | <b>Netherlands</b> | Eindhoven<br>31-40-267-7000 | <b>Poland</b> | Warsaw<br>00800-2426-8080 | <b>USA</b> | Milpitas, CA<br>1-408-519-3898 |
|--------------|-----------------------------|---------------|---------------------------|--------------------|-----------------------------|---------------|---------------------------|------------|--------------------------------|

## Worldwide Offices

### Asia Pacific

|                     |                  |
|---------------------|------------------|
| <b>Taiwan</b>       |                  |
| Toll Free           | 0800-777-111     |
| Taipei & IoT Campus | 886-2-7732-3399  |
| Taichung            | 886-4-2372-5058  |
| Kaohsiung           | 886-7-392-3600   |
| <b>China</b>        |                  |
| Toll Free           | 800-810-0345     |
| Beijing             | 86-10-6298-4346  |
| Shanghai            | 86-21-3632-1616  |
| Shenzhen            | 86-755-8212-4222 |
| Chengdu             | 86-28-8545-0198  |
| Hong Kong           | 852-2720-5118    |

### Asia Pacific

|                  |                  |
|------------------|------------------|
| <b>Japan</b>     |                  |
| Toll Free        | 0800-500-1055    |
| Tokyo            | 81-3-6802-1021   |
| Osaka            | 81-6-6267-1887   |
| Nagoya           | 81-0800-500-1055 |
| Nogata           | 81-949-22-2890   |
| <b>Korea</b>     |                  |
| Toll Free        | 080-363-9494/5   |
| Seoul            | 82-2-3660-9255   |
| <b>Singapore</b> |                  |
| Singapore        | 65-6442-1000     |
| <b>Malaysia</b>  |                  |
| Kuala Lumpur     | 60-3-7725-4188   |
| Penang           | 60-4-537-9188    |
| <b>Thailand</b>  |                  |
| Bangkok          | 66-02-2488306-9  |
| <b>Vietnam</b>   |                  |
| Hanoi            | 84-24-3399-1155  |
| Hochiminh        | 84-28-3836-5856  |
| <b>Indonesia</b> |                  |
| Jakarta          | 62-21-751-1939   |
| <b>Australia</b> |                  |
| Toll Free        | 1300-308-531     |
| Melbourne        | 61-3-9797-0100   |
| <b>India</b>     |                  |
| Bangalore        | 91-94-4839-7300  |
| Pune             | 91-94-2260-2349  |

### Europe

|                       |                    |
|-----------------------|--------------------|
| <b>Netherlands</b>    |                    |
| Eindhoven             | 31-40-267-7000     |
| Breda                 | 31-76-523-3100     |
| <b>Germany</b>        |                    |
| Toll Free             | 00800-2426-8080/81 |
| Munich                | 49-89-12599-0      |
| Düsseldorf            | 49-2103-97-855-0   |
| <b>France</b>         |                    |
| Paris                 | 33-1-4119-4666     |
| <b>Italy</b>          |                    |
| Milan                 | 39-02-9544-961     |
| <b>UK</b>             |                    |
| Newcastle             | 44-0-191-262-4844  |
| London                | 44-0-870-493-1433  |
| <b>Spain</b>          |                    |
| Madrid                | 34-91-668-86-76    |
| <b>Sweden</b>         |                    |
| Stockholm             | 46-0-864-60-500    |
| <b>Poland</b>         |                    |
| Warsaw                | 48-22-31-51-100    |
| <b>Russia</b>         |                    |
| Moscow                | 8-800-555-01-50    |
| St. Petersburg        | 8-812-332-57-27    |
|                       | 8-921-575-13-59    |
| <b>Czech Republic</b> |                    |
| Ústí nad Orlicí       | 420-465-524-421    |
| <b>Ireland</b>        |                    |
| Galway                | 353-91-792444      |

### Americas

|                               |                 |
|-------------------------------|-----------------|
| <b>North America</b>          |                 |
| Toll Free                     | 1-888-576-9668  |
| Cincinnati                    | 1-513-742-8895  |
| Milpitas                      | 1-408-519-3898  |
| Irvine                        | 1-949-420-2500  |
| Ottawa                        | 1-815-433-5100  |
| Chicago                       | 1-888-576-9668  |
| Boston                        | 1-800-866-6008  |
| <b>Brazil</b>                 |                 |
| Toll Free                     | 0800-770-5355   |
| São Paulo                     | 55-11-5592-5367 |
| <b>Mexico</b>                 |                 |
| Toll Free                     | 1-800-467-2415  |
| Mexico City                   | 52-55-6275-2777 |
| Guadalajara                   | 52-33-3169-7670 |
| <b>Middle East and Africa</b> |                 |
| Israel                        | 072-2410527     |
| Turkey                        | 90-212-222-0422 |
| Turkey-Bursa                  | 90-224-413-3134 |

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