2022 Avalue Introduction

Linda Chen | 2022/Jan.

Fact Sheet

2000
Established

Headquarters at Taipei, Taiwan

Branch

New Jersey, USA	Tokyo, Japan
California, USA	Kaohsiung, Taiwan
Shanghai, China	Redhill, UK

2010

Public on **TPEx** (Taipei Exchange) Market

Certification

ISO-9001 : 2015
ISO-13485:2016
ISO-14001: 2015
ISO-45001: 2018

Alliance

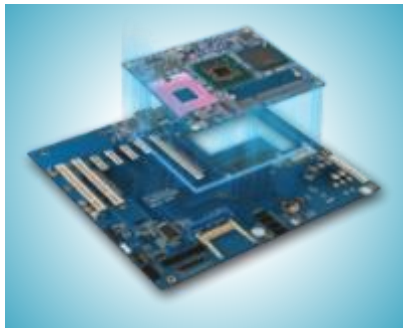
Intel IoT Membership
Microsoft IoT Partner

AVALUE PRODUCTS

Tailored to Your Needs

ODM/EMS Design Services	Embedded Computing	Applied Computing	Medical /Healthcare Solutions	Market Ready & IoT platform

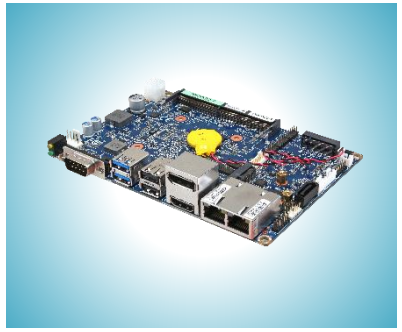
Embedded Computing



COM

Compact Size
30-Day baseboard Prototype Service

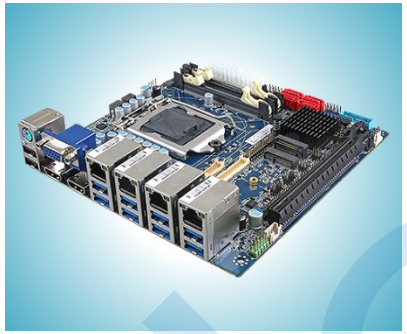
COM Express, Q7



SBC

Low Power
Rich I/O Functions
Extreme Performance

3.5"/ PICO, 1.8"



Industrial Mainboard

Product Longevity
Manageability
Reliable
Flexible

Mini ITX, Micro ATX, ATX

Computing System

Longevity
Reliability
Customization
Modularization

Fanless Compact Ruggedization

DT/Tower Rackmount

Flexibility
Integration
Expandable

HPC Industrial Barebone

ARM

ARM-based
Rapid-Development
Modularize

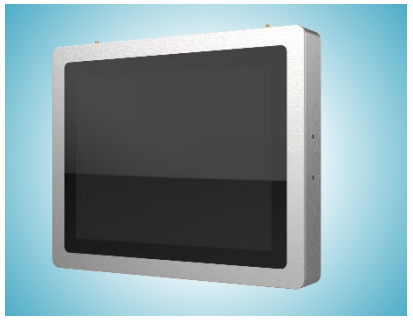
ARM Platform SMARC

Applied Panel Computing

Healthcare Medical

Full HD
True Flat
Multi-touch

HID
APC



Ruggedize

Rugged
Wide Temp.
Water/dust proof

SPC
ODC

Multi-Functional

Slim Design
PCAP
Rich I/O
Light Bar

VNS
SID

Modularized Panel PC

Resistive
Expandable
PCAP
Wide Temp.

ARC

Open Frame

Multi-OS
Fully Flat
Low Cost & Power

OFT

Industrial Touch Monitor

PCAP
Multi-Touch
Fanless & Ultra Slim

OFM
ARC

Medical/Healthcare Solutions

Mobile Station
Tablet

PID/RID
POC/ARM

AIO/Monitor
Recording

Medical Cart
PTZ Camera

Large E Ink
PID/Signage

Open Frame
SBC for HMI

SBC, Open
Frame, UI

GBB Platform
AI Solutions

Nursing Station	Ward	OR	Tele-medicine	Digital Paper	Life/Lab Science	Fitness Rehab	AI

Market Ready & IoT Platform

All in One POS

Multiple OS
Rich I/O
Water/Dust Proof

RiVAR
RiPAC
Rity

Mobile Computing

Rugged Design
Light Weight
Long Battery Life

CAXA0

Digital Signage

Fanless
Multi-touch
Remote Control

Digital Signage
Self-Service

Intelligent Transportation

Longevity
Ruggedization
Modularization
Multiple COMM.

In-Vehicle
Marine
Railway

Smart Manufacturing

Real-Time
Locating/Tracking
Predictive
Maintenance

ARTEMIS

Focused IoT Segments

Digital Healthcare/ Medical

Smart Retail

Smart Manufacturing

Intelligent Transportation

Digital Healthcare/ Medical

Enabling digital healthcare with Avalue intelligent healthcare solutions from high end imaging, mobility to digital hospital

Medical Equipment	Point of Care	Medical Imaging	Fitness/Rehab Equipment	Digital Hospital
Customized ODM	Bytec Healthcare	GOOMEDI	Customized ODM	avalue Intelligent Solutions

ISO-13485:2016
UL 60601-1

Improve healthcare performance with Avalue Intelligent Healthcare platform, Avalue's products adhere to the strictest medical standards and provide unsurpassed reliability

Digital Healthcare/ Medical

"Remedi can design, manufacture, deliver and support our customers, partners and end users within healthcare with complete confidence."

Point of Care Solution

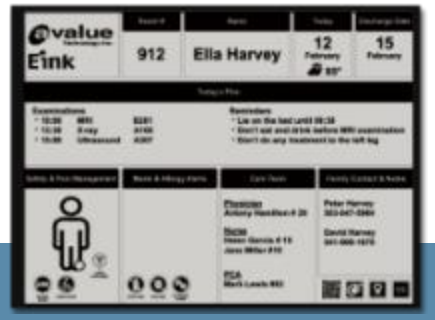
- Bedside infotainment

Digital Healthcare/ Medical

Ultra-low Power, Slim, Light Weight

Communication Board | Digital Signage | eNote | Door Sign | Bedside Card

No Light Pollution: Reflective Display
Digital Online Device: Enable to Integrate with EMR/EHR
Energy Efficient: Low Power Consumption to save operation cost for hospital
Easy Operation: Content “Always-On”



Communication Board for Patient

eNote Tablet

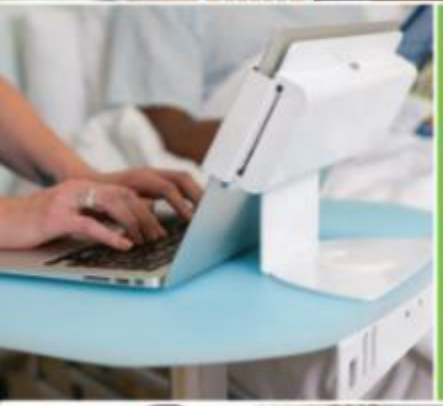
Patient Bedside Care Sign

Digital Healthcare/ Medical

Bytec Healthcare

Point of Care Solution

- Mobile Nursing Cart



"Colour coded MIT-Carts and accessories will complement working environments."

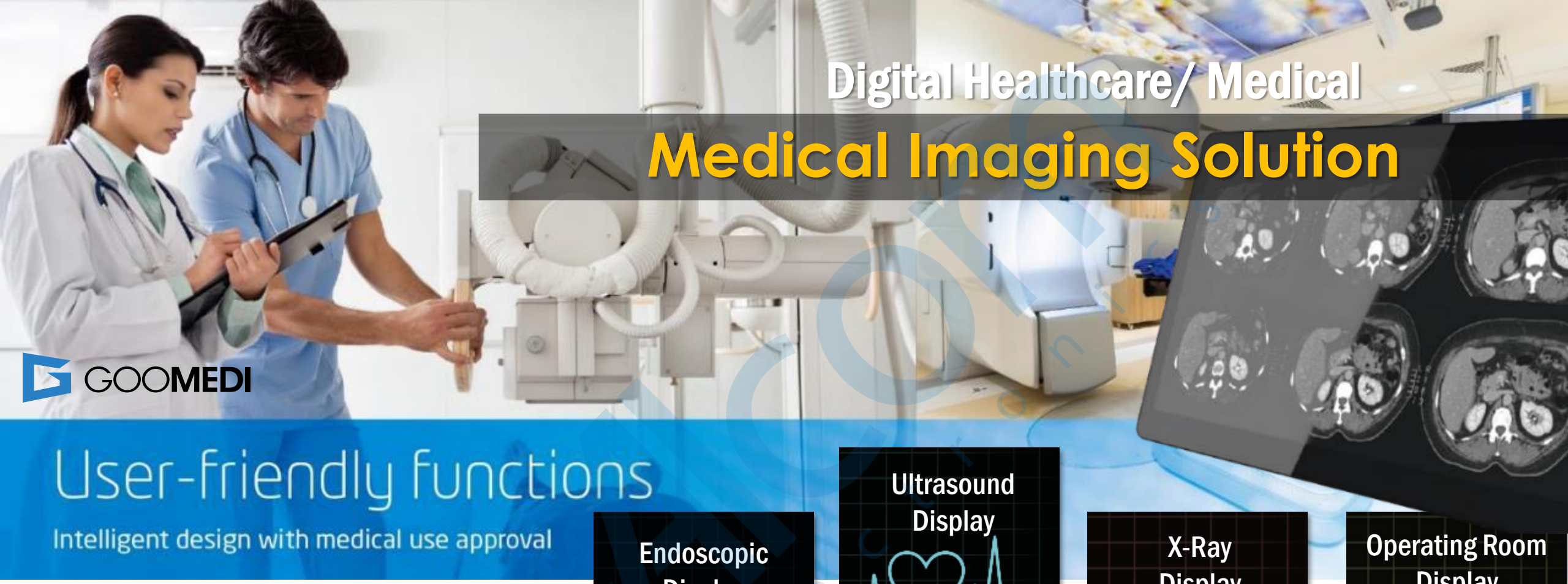
Workstation Carts

Battery Power System

Mounting Solution

Power System Product of the Year

2013 - Elektra Awards



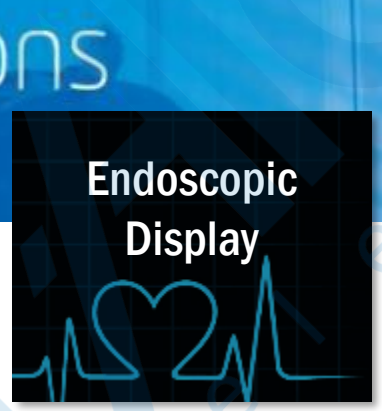
Digital Healthcare/ Medical

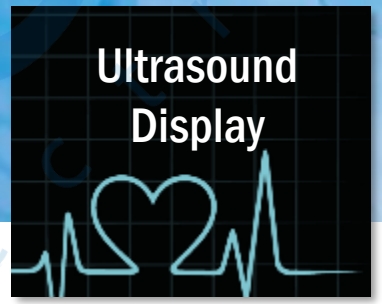
Medical Imaging Solution

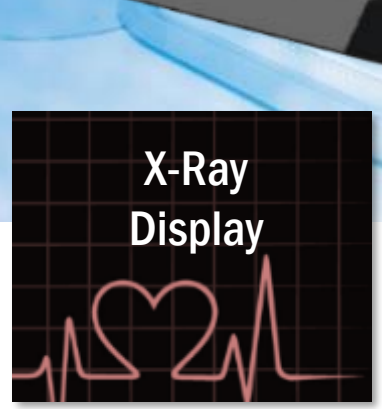
GOOMEDI

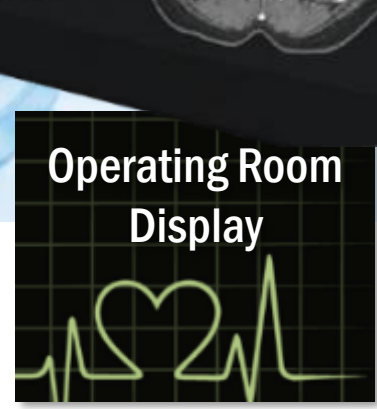
User-friendly functions

Intelligent design with medical use approval

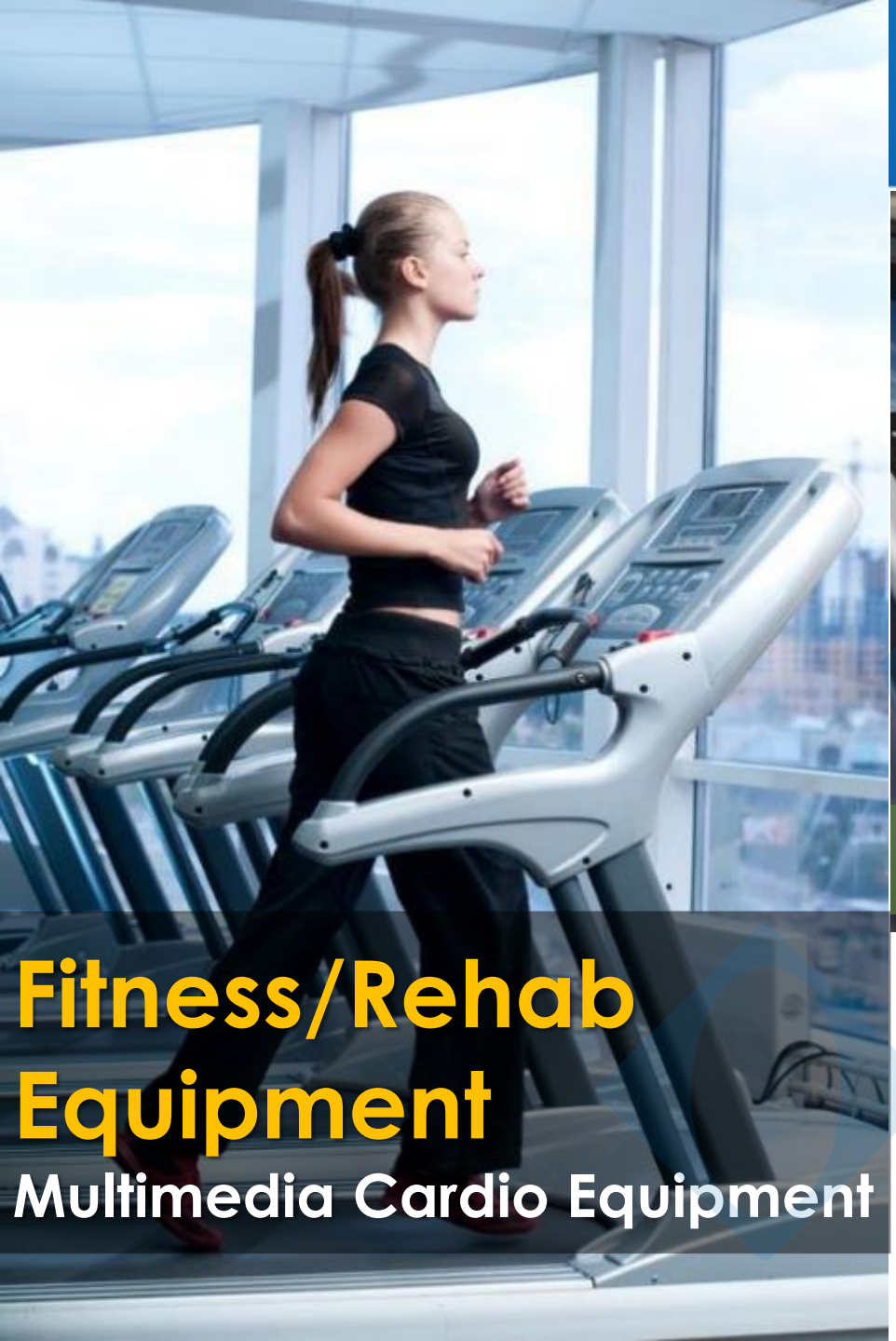








- **Medical** : cUL/UL , IEC/EN 60601-1
- **Imaging** : DICOM Standard, DIN 6868-57, ISO12646



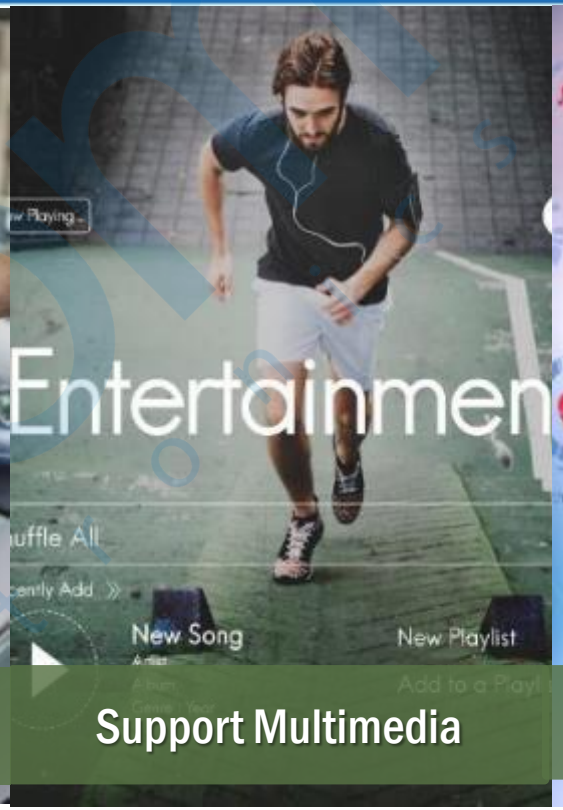
Fitness/Rehab Equipment

Multimedia Cardio Equipment

Digital Healthcare/ Medical

Multi OS Solution-ready open frame terminal

10.1”/15.6”/18.5”/21.5”
Multi OS Supported



Support Multimedia

TV / IPTV/OTT / VOD
Android / iOS
Multimedia

IoT connectivity

Health monitoring
Wearable, external medical devices with blue tooth or MEMS

Digital Hospital Solution

- Registration
- Outpatient Clinic
- Intelligent Nurse Station
- Smart Operating Room
- Smart Ward
- Rehabilitation Center
- Postpartum care center
- Exam Room
- Hemodialysis Center
- Smart Pharmacy

For more than 15 years hospital experience, Avalue integrate medical devices with strict medical standards, software, IT infrastructure, communication, hospital logistic and IoT technology for all digital hospital needs.

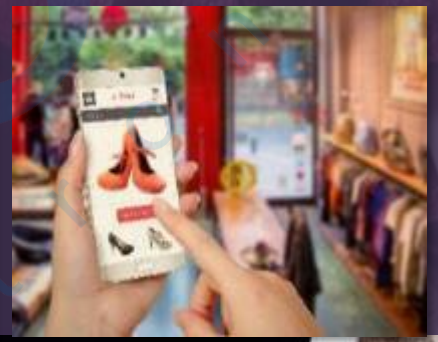
Smart Retail

Digital Signage

Point of Sale

Mobile Solution

Smart Cloud-base Retail



Optimal customer experience through real-time convergence of sensors, analytics & mobility

Retail data paired with analytics can generate new retail insights while creating capabilities that improve merchandising efforts.

Smart Retail - Digital Experience for Customer

Smart Service Solution QSer

Innovative Digital Hospitality

AI Object Recognition Checkout Solution

Detection & recognition of the type of object and price with AI

Smart Manufacturing

Industrial PC

MES/ Human Machine Interfaces

ARTEMIS Real-Time UWB Indoor Positioning

Prediction Maintenance

Covers all areas of industry where automation technologies are integrate including smart manufacturing, Human Machine Interfaces and energy end-to-end solutions and improve control and management of industrial processes

Smart Manufacturing

High Accuracy (30~50cm)

- BLE (4m~10m)
- ZigBee (5~10m)
- WIFI (6~10m)

High Position Stability

- The most reliable and high precision(<50cm) RTLS solution

High Penetrability

- Easy to penetrate through glass / wood / plastic / thin wall

Low Power Consumption

- Long battery life
- 900mA/h for 1 months battery / per second
- 900mA/h for 4~5 months / per 5 seconds

Anti-Interference(RF)

- High frequency 3.1~10.6 GHz
- Wide bandwidth and narrow pulse which can coexist with other RF source

Non-invasiveness to human body

- Low radiation power

High speed communication

- Up to 480Mbps data rate

RENITY ARTEMIS - Real-time Locating and Tracking Solution

Real-Time Location System Ultra-wideband (UWB)

Benefits

- A complete overview in your warehouse in real time. A well-connected warehouse.
- Access control- Enhance security and reduce accidents in workplace via creating geofencing.
- History path and real time location tracking of any moving targets.
- Logistics process optimized based on collected statistics and history records.

avalue Technology Inc.

Intelligent Transportation

Marine/ In-Vehicle

Driving Behavior Monitoring

Traffic Enforcement

AI Recognition Safety Warning

Enable tomorrow's innovative IoT-connected ITS technologies to integrated Railway, Marine, Logistic and fleet with regulatory-compliant solutions

Intelligent Transportation

AI Recognition Traffic Solutions

Avalue traffic enforcement system is an automated solution to identify traffic violation and recognize vehicle license plate number to improve road security not interrupting traffic flow

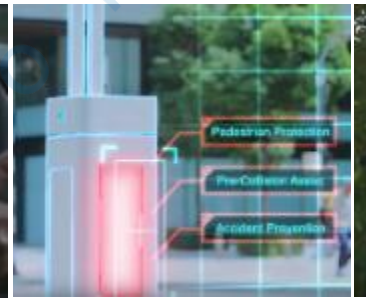
Parking Enforcement Solutions

Features & Benefits

- REMOTE CONTROL
- REAL-TIME MONITORING
- PREVENT TRAFFIC VIOLATION
- EFFICIENT TRAFFIC ENFORCEMENT
- REDUCE TRAFFIC CONGESTION

Smart City

AI Recognition Safety Warning



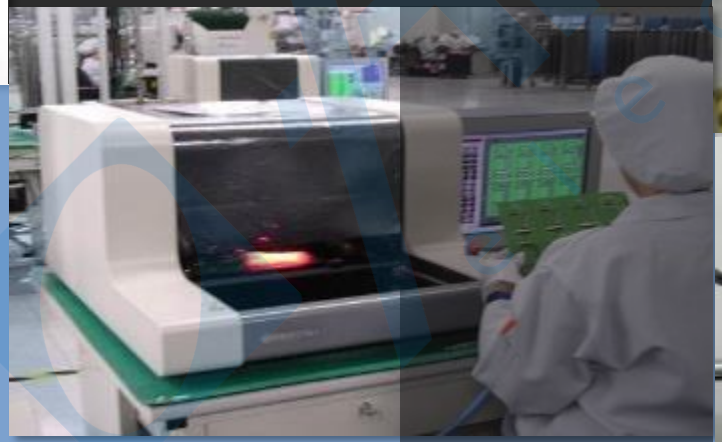
- **Pedestrian Crossing Warning**
  A warning signal at no traffic light junctions
- **Collision Warning**
  Provide vehicle deceleration warning at no traffic light junctions
- **Violation Warnings and Reports**
  Reduce illegal parking and traffic congestion
- **Driving Behavior Monitoring**
  Enhanced bus fleet safety and its management

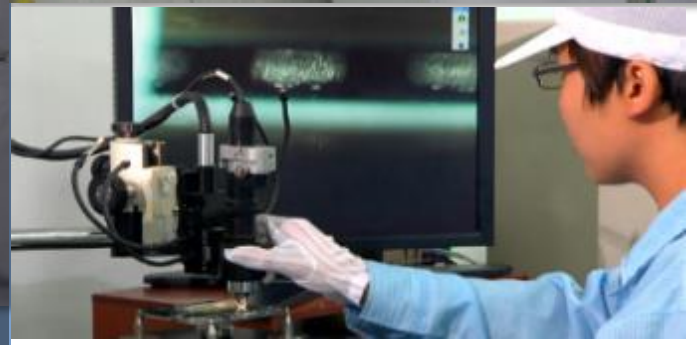
Manufacturing

SMT 5 Lines, DIP 2 Lines, System 3 Lines

- ISO-9001 : 2015
- ISO-14001: 2015
- ISO-13485:2016
- IATF 16949:2016

20 years manufacturing service experience, 10,000 sq. meter in Kaohsiung





Made in Taiwan

Green Product Management System

avalue Technology Inc.

Thank You For Listening