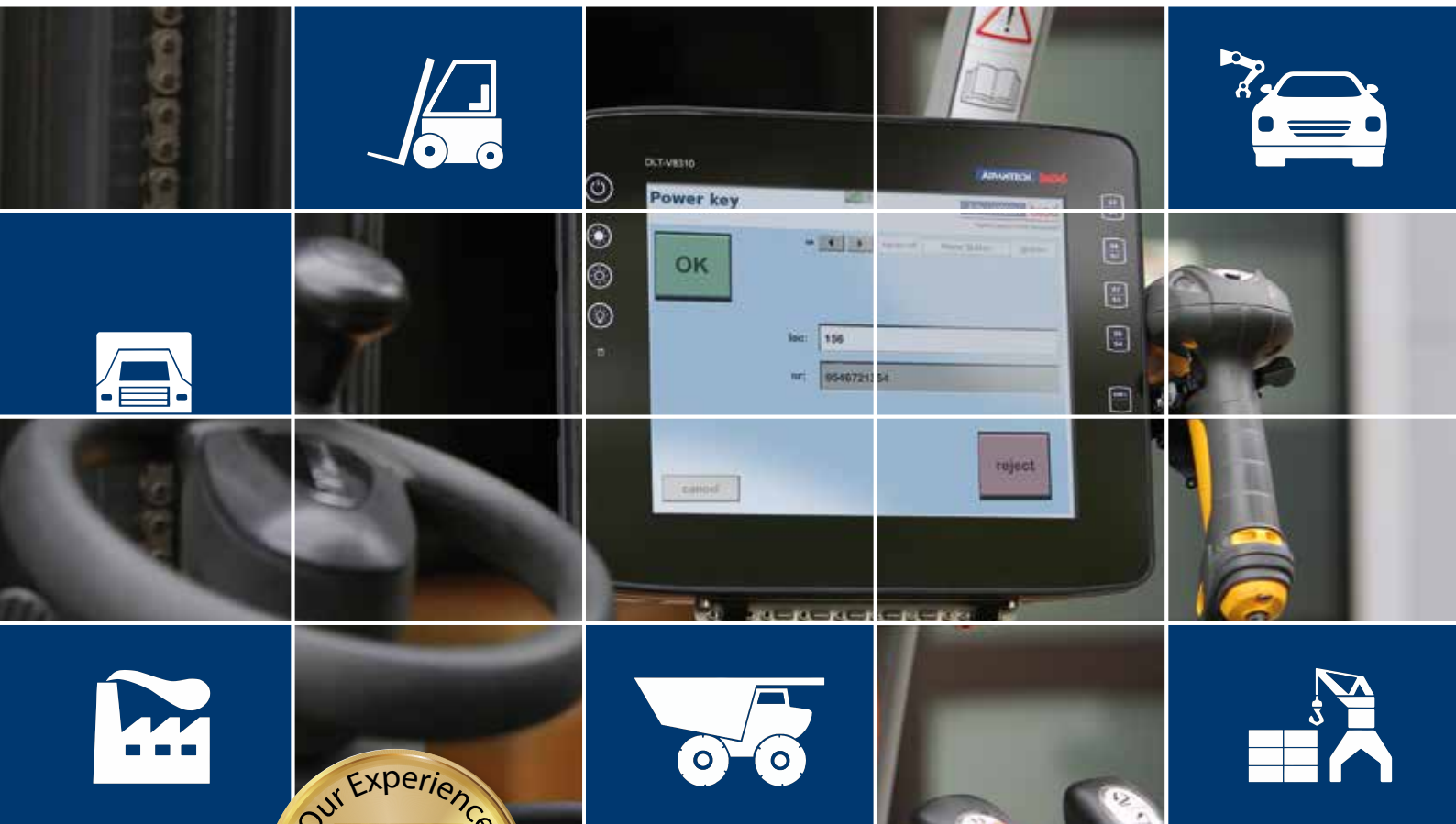


- Intralogistics
- Heavy Duty
- Fleet Management
- Automation
- Port
- Industrial Production

Industrial Computers, Vehicle Terminals and Tablet PCs





Advantech-DLoG combines experience and expertise



About Advantech-DLoG

DLoG GmbH was founded in 1985. Since March 2010, the company has been part of the Advantech Group. As the headquarters of the “Global Digital Logistics & Fleet Management” strategic division, Advantech-DLoG is responsible for the development of rugged products for particularly extreme environments. The new brand combines many years of experience, high quality and speed in development processes.

Customer focus: In order to meet the requirements of companies as effectively as possible, we offer both standard products as well as products that are individually customized for specific needs or specifically developed to those needs. The product portfolio includes the Advantech-DLoG products developed and produced in Germany, together with offerings from the parent company, Advantech.



Advantech-DLoG
Headquarter in
Germering

Auto ID

Picking

Fleet Management

Shipping

Warehousing

Distribution

Production

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Intelligent solutions for extremely challenging environments

Industry-leading innovations and the highest quality standards “Made in Germany“

At the company headquarters of Advantech-DLoG near Munich, Development, Product Management, Purchasing, Quality Assurance, Service, Pre-Sales, Sales and Marketing are all housed under one roof.

Network & Communication (DMS)

- High Performance Computing
- Blade Computing & Systems
- Network Appliances
- DSP Based Platforms
- Industrial Switches

Service Automation

- Industrial Vehicle Computing
- Digital Healthcare
- Digital Signage
- Industrial Portable

Applied Computing (DMS)

- Medical Computing
- Embedded Systems
- Gaming Computing
- POS/POI/Kiosk

Embedded Core Computing

- Single Board Computers
- Industrial Motherboards
- Computer-On-Modules
- Embedded Software Services
- Industrial Displays & Peripherals
- Embedded Design-To-Order Services

Embedded Systems & Intelligent Platforms

- Industrial Computers & Servers
- Box & Panel Computers
- Industrial Communication
- Intelligent Video Platforms
- Transportation Solutions

Industrial Automation

- Industrial I/O & Controllers
- Industrial HMI
- Internet of Things
- Energy Solutions
- FA/EFMS Solutions
- Machine Automation Solutions



↑ Innovation
Campus
Intelligent
Building →

Advantech – the parent company of Advantech-DLoG

Across an extensive company network, over 7,300 employees of the Advantech Group are committed to fast time-to-market for customers worldwide. The Group is the uncontested market leader in many areas; well-known manufacturers from industry, pharmaceuticals and logistics choose industrial PCs and vehicle terminals from Advantech in order to market their own products successfully.

Advantech has set up several Innovation Campuses to push forward with technological advances in the context of vertical markets such as warehousing, heavy duty and fleet management. In strategic alliances with Intel, Microsoft and others, work is being carried out in realizing the Internet of Things (IoT) into reality and on defining this future trend.



Powerful industrial computers for intralogistics and warehousing

Everyday life in logistics

With heavy pressure from deadlines, error-free stock management and high order volumes, the challenges to companies are growing. Smooth business processes are the key to success. The distribution of goods in retail, for example, requires complete transparency at all times – from delivery, stock requests, order picking and loading, through to distribution to individual markets.

Reliable, fail-safe industrial computers from Advantech-DLoG ensure smooth communications and efficient processes through the entire supply chain. Our industrial PCs are fitted as terminals on forklifts, lift trucks, order pickers, tigger trains, etc., they are used as logistics computers to scan and transmit data and they provide stationary control or monitoring of systems.

Tablet PC
PWS-770
for picking



DLT-V8312
on the forklift



Practical applications: Reliable communication from -30 °C to +50 °C

The optimal technical design for mission critical tasks

Be it in the icy temperatures of a deep-freeze store or in strong sunlight, our industrial PCs can be used from -30 °C to +50 °C and run flawlessly even in rapidly changing temperatures. Extensive testing in the development phase and components that are proven over many years ensure that the vehicle terminals process, transfer and provide data reliably at all times.



MTC 6/10
on picking trolley



MTC 6/15
in use

The product solution in use

DLT-V 83 vehicle terminals with Projective Capacitive Touch (PCT), i.e. extremely resilient, scratch and abrasion-resistant touchscreen displays that are also suitable for multi-touch operation.

The integrated uninterruptible power supply (UPS) ensures that processes continue running, even during a battery change, for example. The terminal's own power supply bridges interruptions and saves time. Terminals do not have to be shut down and then rebooted but can be used continuously.

Advantages

- Can be used under extreme environmental conditions
- Maximum protection against shocks and vibrations, dust and water
- Reliable data collection
- Error-free data transmission
- Easy to operate



Practical applications: On-board fleet management computers that communicate in real time



Everyday life in fleet management

Robust vehicle computers that can be easily integrated into modern route management systems are required to manage vehicle fleets efficiently.

Requirements for suitable vehicle computers

- Visualization of all driver information on one display
- Compilation of data from all connected systems
- Data availability and server updates in real time
- High operational reliability and dependable support

The product solution in use

TREK-570 in-vehicle computers that are operated via a TREK-306DH 10-inch touchscreen display.

↑ TREK-722
on ARAT
mounting bracket



PWS-770 in the
↓ driving cab

Advantages

- Clear display of work routines
- Convenient touch control that is easy to follow
- Real-time communication between driver and headquarters
- Computer shuts itself down when the engine is switched off
- Fully upgradeable long life solution



Fail-safe – Secure – Future-proof

Fleet management with on-board computers from Advantech-DLoG

- Greater security
- More reliable loading, planning and scheduling
- Flexible routing
- Continuous tracking of freight
- Scheduled maintenance
- Theft prevention
- Driver training
 - Lower operating costs
 - Better adherence to deadlines
 - More satisfied customers
 - Lower insurance premiums

E-bus systems for local public transport – Intelligent data collection and processing

Possible applications:

- Reliable position location
- Electronic ticketing
- Automated alarm in case of breakdowns and delays
- Reversing camera for accident prevention
- Door sensor with passenger counter
- Video monitoring of the passenger compartment
- Audio system for driver communication
- Infotainment over digital signage displays

→
Security camera
in public transport



TREK-570 /303DH
with navigation
software + CANbus
connection



Practical applications: Paperless warehouse and supply logistics in vehicle production

Worker control
on the
assembly line

Everyday life in vehicle production

In vehicle production, all processes must be continuous and reliable – from warehousing and material provision, through to spare parts supply. The right choice of hardware plays an important role in supporting these complex processes and is increasingly important.

The product solution in use

In production logistics, our robust vehicle terminals on forklifts and tugger trains ensure that the vehicle parts and materials required are delivered to the production line just in time. The risk of delays or even of a production shutdown is minimized. In the worker management system, UTC series industrial digital signage displays show important production data clearly.

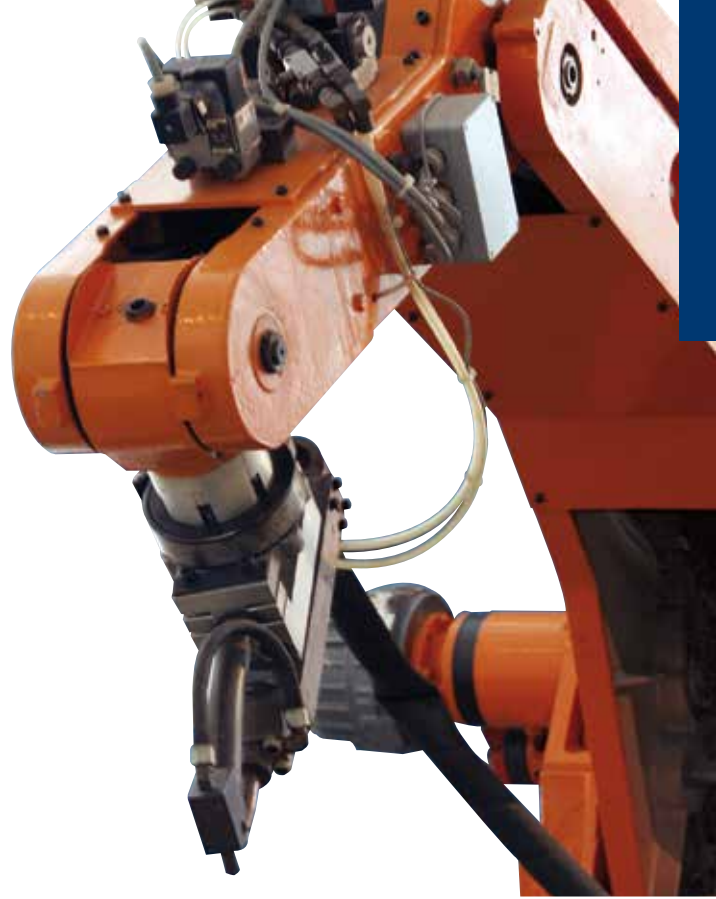
Advantages

- Protected against external elements, vibration and shock
- Universal applicable systems
- Long product life cycle for best possible return on investment
- Global availability (incl. China, USA, Mexico, Brazil)



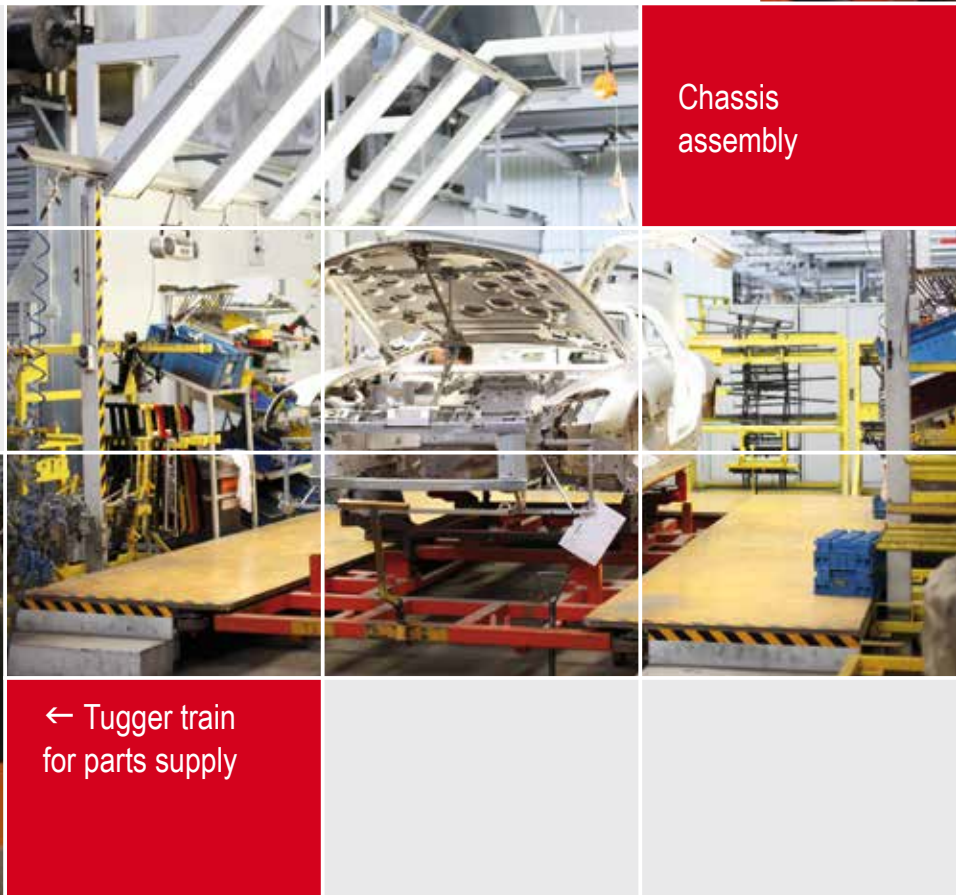
Just in time: Industrial PCs for the supply chain

The principle of “lean manufacturing” applies to vehicle production. The prerequisite for optimal production control is making information available at the right time in the right place and at the right quality – both on forklifts in the parts warehouse and on tigger trains. Faults or even shut-downs have a direct effect on the entire supply process – the right hardware plays an important role in effective processes.



Sophisticated hardware for challenging environments

- Compact vehicle terminals with integrated components such as a wide-range or uninterruptible power supply (UPS)
- Fully sealed, fanless
- Dust and water-resistant in meeting protection class IP66
 - Reliable even in challenging environments such as production involving machining (air containing oil) or carbon processing (electrically conductive fibrous dust)



Plus: secure spare-parts logistics

Prompt supply of spare parts is a central component of after-sales service in the automobile industry. The range of warehouse parts is varied and extremely complex. Our industrial PCs provide precise and flexible management of warehouse logistics as forklift or order picker terminals, enabling spare parts to be delivered on time.



Practical applications: Tough conditions for hardware in tunnel construction

Everyday life in tunnel construction

Tunnel construction is one of the most difficult tasks in the construction sector. Robust vehicle computers guide boring machines through rock, documenting status and position and recording daily output. The terminals used must withstand vibrations and impacts, dirt, aggressive dust, extreme fluctuations in temperature, permanent dampness and strong electrical fields – absolute quality that keeps the business running is the primary aim.

Customized development

Our engineers develop each of our products specifically to meet the specified requirements. Customized interfaces are also created, as is an individual front-end design; on request, we will design specialized models to individual specifications.



Workstation in
the tunnel boring
machine

The product solution in use

Our extremely robust DLT-V8312 in-vehicle computers, certified to class 5M3, are fitted just 1.5 meters behind the cutting machine, for example. In accordance with IP66, they are protected all around against dust, dirt and humidity. Even the heaviest impacts do not affect them. Customized modifications to hardware and software on site ensure that they can be operated efficiently and easily in the tunnel.

Advantages

- Continuous tracking of the tunnel navigation
- Easy touchscreen operation
- High operational reliability
- Software compatibility with existing software tools
- Individual service agreements
- Customized development for optimized solutions

Tough performers: vehicle terminals for heavy equipment

Faults have costly consequences, especially when using expensive heavy equipment like dump trucks, excavators, track vehicles, wheel loaders, cranes, mining and quarrying machines. Our robust in-vehicle computers help to keep heavy machines ready for operation and implement projects on time. Advantech-DLoG terminals:

- Perform under extreme environmental conditions
- Are of the highest product quality
- Provide long-term reliability
- Customized solutions

Adaptable vehicle terminals

- A range of configurations and extensive options for every field of application
- Various peripheral connection options for monitoring and control
- Flexible mounting designs that can be adapted for any customer so that the terminals can be integrated easily and safely into any vehicle



Tough working environment

Mining dump truck

Quality pays off

The high performance and reliability of our products is based on our many years of experience in the development of electrical, electronics, mechanical and software expertise. High-quality industrial components that are proven in practical, sophisticated processes and testing equipment guarantee quality, safety and a long service life.



Practical applications: The challenges of a container port

Everyday life in a port

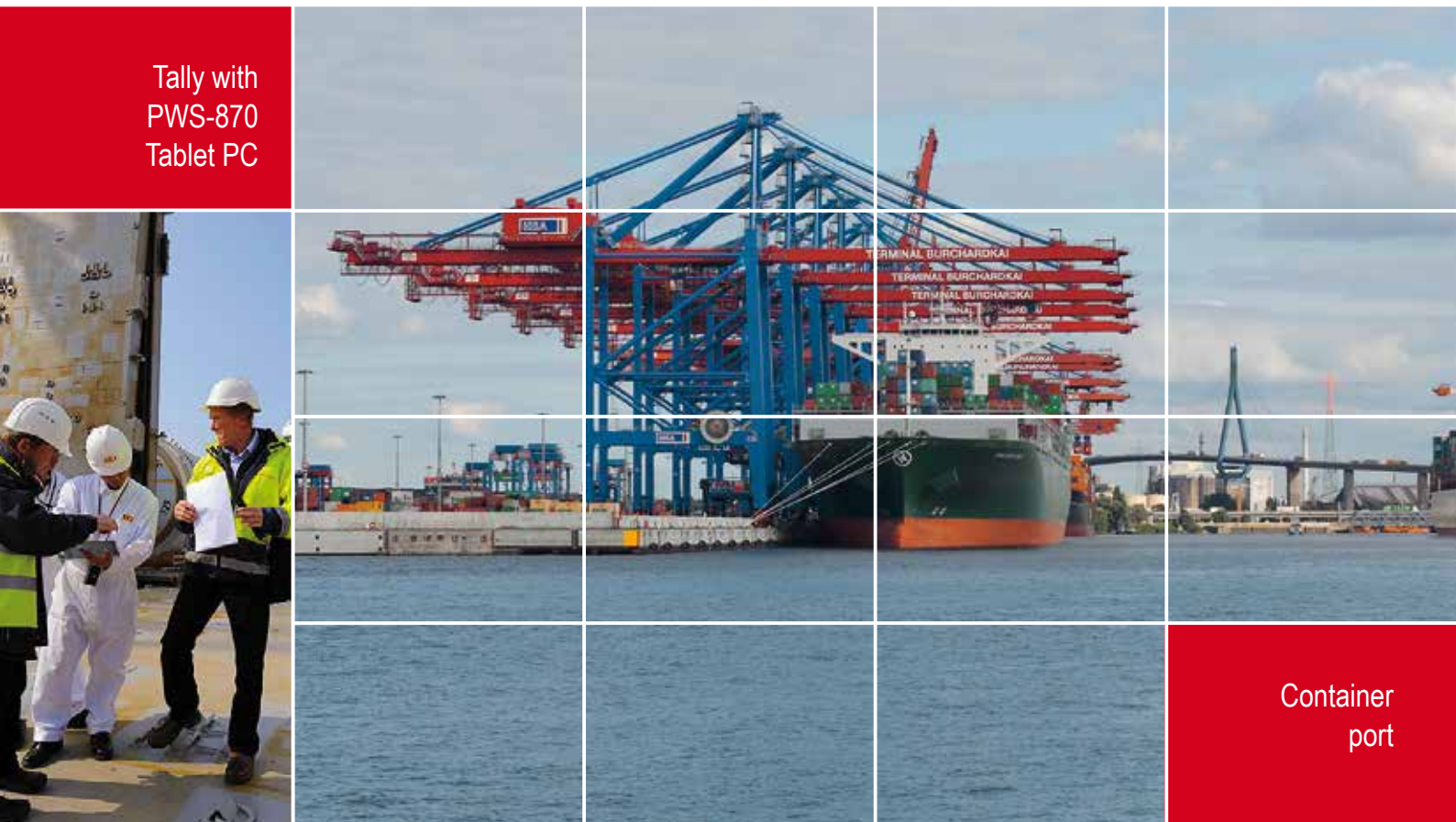
In ports and container terminals, dust, extreme weather conditions and rough handling place the highest demands on mobile computing solutions.

The product solution in use

Extremely reliable, scratch- and abrasion-resistant touchscreen computers in display sizes from 5 to 15 inches for every need:

- Fully rugged in-vehicle terminals, certified for Terminal Operating Systems (TOS)
- Reliable on-board computer for all vehicle types
- Robust tablets for port staff

Tally with
PWS-870
Tablet PC



Container
port

Advantages

- Protected against impacts and vibrations up to class 5M3
- Protected all around against dust and water meeting with IP56 and IP66 specifications
- Easy to read displays suitable for use in bright sunlight
- Resistant to sudden temperature changes and usable from -30 °C to +50 °C, or even +70 °C based on the unit chosen
- Flexible mounting and fitting options
- Customized solutions

Data collection for monitoring (ADC/MDC)

Optimizing the handling of goods in container ports is a logistical challenge. Advantech-DLoG addresses that challenge by providing powerful industrial computers that are easy to operate. They support the latest RFID technology secure identification of containers, GPS tracking of vehicles and containers and efficient freight goods management. This makes it all the more important that they are as robust and adaptable as possible, as downtimes in a tight port schedule quickly lead to high on-costs.

Our industrial computers perform reliably – even under the harshest environmental conditions.



Reach Stacker



Practical applications: Order visualization in production

Everyday life in industrial production

In the production of complex braking systems for rail vehicles, the intention is to make it possible to visualize and document pending orders using IT in every assembly cell.

Requirements

- Reliable, low-maintenance industrial PCs
- High system stability and performance
- Standard mounting that is adapted individually to meet the customer's needs

The product solution in use

UTC-515s with 15.6" touchscreen display present all work instructions, drawings and parts lists required for workers in the production area. UTC-520s with 21.5" touchscreen display convey internal company messages and announcements to central information cells.

CNC milling machine



UTC-520
on mobile
workstation

Advantages

- No need for expensive cabling thanks to reliable WLAN connection and greater flexibility in the event of changes
- Improvement of assembly operations
- Documentation and evaluation of production issues
- Optimization of the manufacturing processes and quality assurance
- Convenient touch control ensures a high level of acceptance among users
→ Well-informed and content staff

Operating and machine data logging (MDE / BDE)

Industrial computers at the human-machine interface

Our industrial PCs guide staff as effectively as possible through manufacturing processes, support work processes and make manufacturing data available for production. Production machines can be operated interactively with computers via touchscreens. Information screens provide 3D drawings, status information, machine statistics and information that help to prevent errors.

Robust industrial PCs monitor production processes and are the basis for rapid status queries and comprehensive reporting

- Machine and system statuses can also be visualized over greater distances
- Opportunities for optimization can be identified in the production chain
- Faults and target/actual deviations are identified quickly
- Measures to rectify faults can be implemented rapidly
- Products, components and batches can be tracked continuously



Modern design + comprehensive functionality

Configuration management, an Andon alarm system for fast reporting and rectification of manufacturing issues, a time management system and the SAP-based component tracking are also integrated into the UTC terminals.

Ideal characteristics for all production environments

- Strong products that have been developed for long-term use
- Wide selection of peripherals that are easy to integrate
- High IP protection classes up to IP66
- Standard interfaces for quick connection
- Advanced communication functions



DLT-V83 Series

The all-in-one PCs in this series are 'Multi-Purpose'. Our customers use them as vehicle terminals on forklifts, construction machines and harbor cranes or as display terminals in manufacturing. Anywhere where individual configuration is most suitable and the device must withstand tough environmental conditions.

DLT-V83 series



Features/Options:

(see datasheet for a complete listing)

- Fully rugged all-in-one PC
- Resistive touch or capacitive multi-touchscreen
- 360° IP protection (IP66)
- Win 8, Win 7, XP Pro, WES 2009, Linux
- Fast roaming WLAN
- WWAN, CAN bus
- Integrated UPS
- Wide-range Power Supplies 12 - 48 VDC
- -30 to +50 °C
- Class 5M3 shock and vibration protection





MTC 6 Series

THE FORKLIFT TERMINAL The computers in this series have been designed with a focus on vehicle applications in intralogistics and harbors - with touch screen, WLAN and high robustness. Anywhere where the specifications of this all-in-one terminal are most suitable and the device must withstand tough environmental conditions.

MTC 6 series



Features/Options:

(see datasheet for a complete listing)

- Fully rugged all-in-one PC
- Resistive touchscreen
- 360° IP protection (IP66)
- Win 7, XP Pro, WES 2009, Linux
- Fast roaming WLAN
- 12 / 24 VDC or 24 / 48 VDC
- -30 to +50 °C
- Class 5M3 shock and vibration protection



XMT 5 Series, The THIN CLIENT of our rugged on-board computers.

Where Windows CE operating system ideally meets the requirements, individual configurations offer the optimum features and the device must withstand tough environmental conditions.



XMT 5/10
and XMT 5/7



Features/Options:

(see datasheet for a complete listing)

- Fully rugged all-in-one PC
- Resistive touchscreen
- 360° IP protection (IP66)
- Win CE 6.0
- Fast roaming WLAN
- WWAN, CAN bus
- 12 / 24 VDC or 24 / 48 VDC
- -30 °C to +50 °C
- Class 5M3 shock and vibration protection

Robust Tablet PCs

Portable robustness. Our industrial tablets are designed to give their best service in harsh industrial conditions. Their features are designed to give optimal support when used on-the-go - long battery life, communication via common standards and the ability to withstand the most demanding environment.



PWS-870



PWS-770



PWS-870 Features/Options:

(see datasheet for a complete listing)

- Fully rugged tablet PC
- 4th Generation Intel® Haswell Core™ i CPU
- Capacitive multi-touchscreen (Gorilla® Glass Gen2)
- 4G LTE, WLAN, BT, GPS
- Hot-swap batteries, life up to 11 hours
- Win8, Win7, Linux
- -10 °C to +50 °C (extended: -20 °C to +50 °C)
- IP65
- 4 foot drop
- 1.5 kg

PWS-770 Features/Options:

(see datasheet for a complete listing)

- Rugged tablet PC
- Intel® Atom CPU
- Resistive touchscreen
- 3.75G WWAN, WLAN, BT, GPS
- Hot-swap batteries, life up to 6 hours
- Win7, Linux
- -10 °C to +50 °C (extended: -20 °C to +50 °C)
- IP54
- 4 foot drop
- 1.2 kg



TREK-668

This in-vehicle box PC (TREK-668) and its separate display unit (TREK-306DH) are ideal for fleet management solutions for public safety applications, ambulances, EMS, fire departments, police or local public transport. This box PC with full features for video recording and surveillance is located remotely in a suitable position on the vehicle. 12 video and 8 audio inputs allow comprehensive video surveillance. The intelligent display is positioned within easy sight and reach of the driver; this unit with its touch screen and fully programmable buttons is intuitive to operate.



TREK-668
TREK-306DH

TREK-668 und TREK-306DH Features/Options

(see datasheet for a complete listing)

TREK-668

- In-vehicle box PC for video surveillance
- 12 video and 8 audio inputs
- 50-channel GPS with A-GPS and dead reckoning
- -30 °C to +60 °C
- WWAN, WLAN, GPS, BT
- E-Mark, ISO 7637-2, SAEJ1455, SAE J1113
- MIL-STD-810G



TREK-306DH (10.4" Display)

- 1024 x 768 resolution XGA
- Resistive touchscreen
- 5 fully programmable buttons
- Integrated loudspeaker



TREK-674

The TREK-674 is the compact version of our in-vehicle video surveillance box PCs. Ideal for fleet management solutions for public safety, ambulances, EMS, fire departments, police or local public transport. This box PC with full features for video recording and surveillance is located remotely in the smallest recess in the cabin. 8 video and 4 audio inputs allow comprehensive video surveillance. The intelligent display is positioned within easy sight and reach of the driver; this unit with its touch screen and fully programmable buttons is intuitive to operate.



TREK-674
TREK-303DH

TREK-674 and TREK-303DH Features/Options:

(see datasheet for a complete listing)

TREK-674

- In-vehicle box PC for video surveillance
- Easy-to-access, lockable SSD drive slot
- 8 video and 4 audio inputs
- 50-channel GPS with A-GPS and dead reckoning
- -30 °C to +70 °C
- WWAN with dual SIM card slot, WLAN, GPS, BT
- E-Mark, ISO 7637-2, SAEJ1455, SAE J1113
- MIL-STD-810G

TREK-303DH (7" Display)

- 800 x 480 resolution
- Resistive touchscreen
- 5 fully programmable buttons
- Integrated loudspeaker



TREK-520



This mobile data terminal is the ideal in-vehicle box PC for managing smaller delivery vehicles, taxis and local delivery services. In particular, the suspend/wakeup function via WWAN makes this computer the perfect surveillance device - 24/7.



TREK-520 TREK-303DH

TREK-520 and TREK-303DH Features/Options:

(see datasheet for a complete listing)

TREK-520

- In-vehicle box PC
- Windows CE 6.0
- Power on/off/suspend via call/SMS
- -30 °C to +70 °C
- WWAN, WLAN, GPS, BT
- E-Mark, ISO 7637-2, SAEJ1455, SAE J1113
- MIL-STD-810G, EN60721-3

TREK-303DH (7" Display)

- 800 x 480 resolution
- Resistive touchscreen
- 5 fully programmable buttons
- Integrated loudspeaker

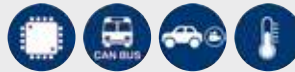


TREK-570

This mobile data terminal is the ideal in-vehicle box PC for managing fleets of trucks. With an operating temperature range of -30 °C to +70 °C this is our most robust computer running Win7 / Win8.



TREK-570
TREK-306DH



TREK-570 and TREK-306DH Features/Options:

(see datasheet for a complete listing)

TREK-570

- In-vehicle box PC
- Windows 7, Windows 8, Linux
- -30 °C to +70 °C
- WWAN with dual SIM card slot, WLAN, GPS, BT
- E-Mark, ISO 7637-2, SAEJ1455, SAE J1113
- MIL-STD-810G, EN60721-3

TREK-306DH (10.4" Display)

- 1024 x 768 resolution XGA
- Resistive touchscreen
- 5 fully programmable buttons
- Integrated loudspeaker



TREK-773



TREK-773



TREK-722 /
TREK-723

This is the next generation of our 7" all-in-one vehicle computer. High-performance CPU, powerful communication – from 1GB Ethernet up to 4G LTE, the TREK-773 has been developed to meet the high demands of fleet management.

TREK-773 Features/Options:

(see datasheet for a complete listing)

- All-in-one vehicle computer
- 7" display (800 x 480) with resistive touchscreen
- Windows 7 / Windows 8 / Linux
- Power on/off/suspend via call/SMS
- 5 programmable function keys
- -30 °C to +60 °C
- 4G WWAN
- E-mark, ISO 7637-2, SAEJ1455, SAE J1113
- MIL-STD-810G, EN60721-3

Our slim all-in-one vehicle terminals with 5" or 7" touch-screen. They are the ideal computer for managing smaller delivery vehicles, taxis and local delivery services. Above all the suspend/wakeup function via WWAN makes this computer the ideal monitoring computer – 24/7.

TREK-722 / TREK-723 Features/Options:

(see datasheet for a complete listing)

- All-in-one vehicle computer
- 5" / 7" display (both 800 x 480) with resistive touchscreen
- Win CE 6.0 or Android 4.0
- Power on/off/suspend via call/SMS
- 5 programmable function keys
- -20 °C to +60 °C (5"), -30 °C to +70 °C (7")
- WWAN
- E-mark, ISO 7637-2, SAEJ1455, SAE J1113
- MIL-STD-810G



UTC series



UTC-520



The UTC all-in-one touch computers suit industrial needs but at the same time are extremely flat, in spite of the form factor of up to 32". They are the ideal product for applications in areas of interactive visualization, as a point of sale (POS) in the retail market, point of information (POI) or digital signage terminal in diverse applications, as a process system or in other conceivable areas where it is important to display on a large surface area, operate by touch and to create the optimal configuration with numerous options.

UTC-520 Features/Options:

(see datasheet for a complete listing)

- All-in-one touch computer
- 15.6" - 21.5" - 32"
- Windows 7 / Windows 8 / Linux
- Resistive or capacitive multi-touchscreen
- Can be used horizontally or vertically
- Diverse mounting options
- A range of accessories, easy to install





Worldwide service and comprehensive support

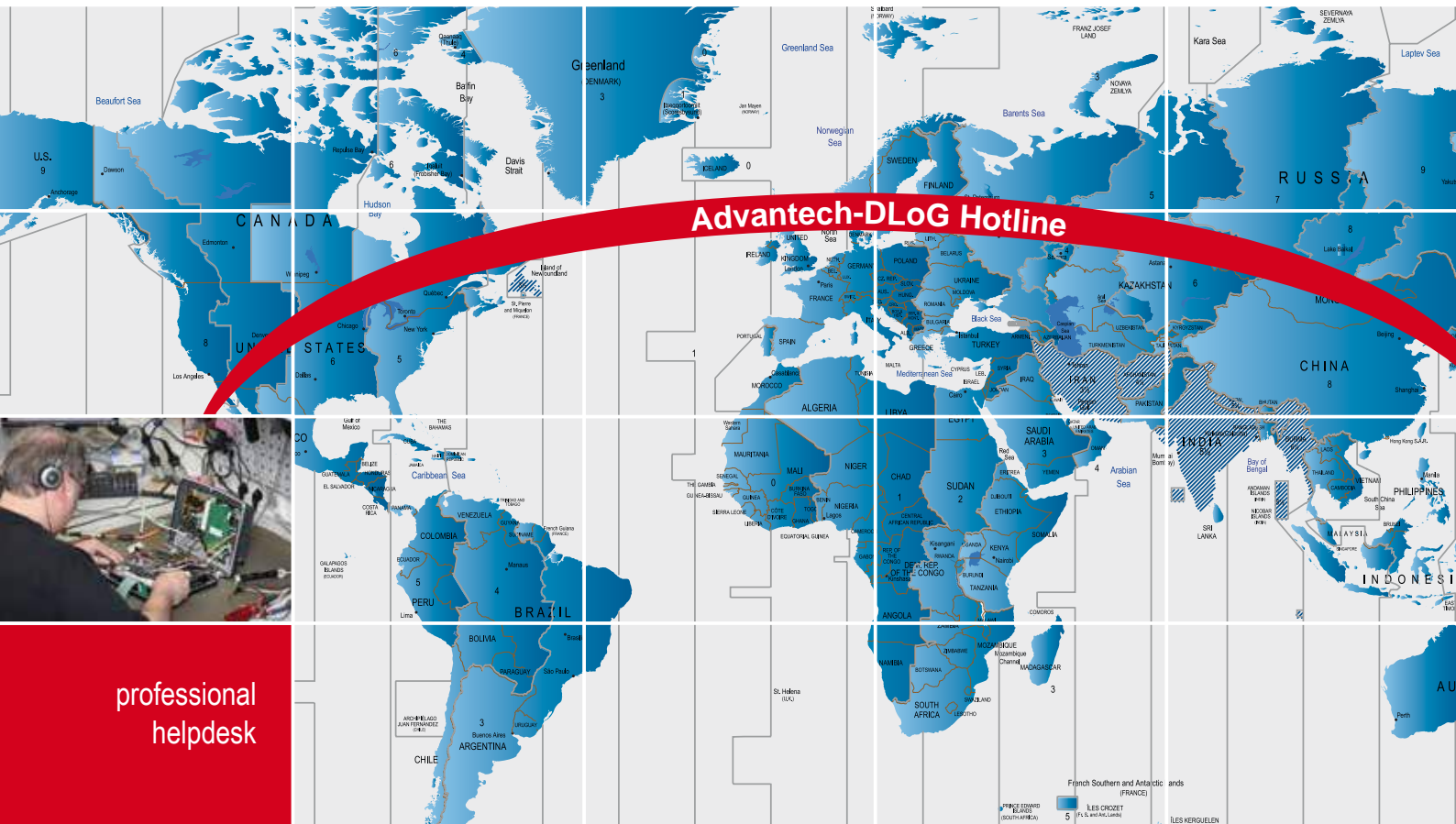
Service from consultation to repair

For repair service and support of the Advantech-DLoG products developed and produced in Germering, the German team is the main point of contact for questions and problems.

The advantages:

- The many years of experience and extensive expertise of our staff
- The proximity to development for expedient resolution of problems
- An in-house spare-parts warehouse, including for products that are no longer part of the current range

In our worldwide service network, both the company's own service centers and certified external service partners are available to support our customers. They are all assisted expertly by the German service team so that they can take action themselves on site.



More information about service requests

We provide our customers with an electronic information system (eRMA – ...) so that they can find out about the processing status of their service request at any time online.

- What is the status of a specific service request?
 - How far has an essential repair progressed?
 - When will a product that has been sent in for repair be returned?
- Questions are answered reliably with the aid of the eRMA system.

You always have a complete overview and benefit from the 100% predictability of our service!

Always available: helpdesk – hotline – repair service



Helpdesk – the professional hotline for all incidents

An experienced team is available to our customers at the helpdesk from 6 a.m. to 8 p.m. (CET) to answer questions and solve technical problems.

Statistics show that today an average of 90 percent of all service requests are solved over the telephone. In comparison with the past, when products had to be sent in for repair or technicians had to visit the site, there are significant savings to be made in terms of cost and time.



Hotline:
+49 (0) 89 41 11 91 - 999

New service features all the time

Our service for customers and products is constantly being improved and extended, for example, to include new service features such as ADDinclusive.

ADDinclusive – comprehensive insurance protection for Advantech-DLoG products

Depending on the situation, environment and requirements of a company, it may be advisable to take out comprehensive insurance protection for the product you buy. Our ADDinclusive service package covers all repairs, even if the damage is caused by the user.



Consulting
that fits

Connections that hold in any environment

The environments in which our products are used are always challenging. The demands on our in-vehicle terminals, such as mechanical impacts on vehicles that have limited suspension, vibrations, constantly changing voltage levels, large temperature fluctuations in very short times are certainly unique and complex – but they must not be allowed to affect the terminals.

The solution begins before assembly!

Experienced technicians advise our customers in advance and provide optimal assembly and electrical connection in order to prevent any unpleasant surprises in use. Should unforeseen problems occur, a team is ready to jump in and resolve the sources of any faults.

MTC 6 test
installation on a
forklift

Expertise increases the options

Our technical experts provide our customers with advice and support before they make a purchase, during the test phase, with questions during the roll-out and in the commissioning phase.

Product Solutions Specialists (PSS) and Field Application Engineers (FAE) are familiar with the performance of our products and their specific applications. Thanks to their experience, we are able to install products that fit perfectly, even in extremely challenging environments.

The expertise we gain in projects assists us in creating new solutions and helps us in new and further developments so that our products will meet your requirements even better in the future!

We offer a wide range of training – starting from technical trainings for service, trainings how to mount and install the terminal on the vehicles to an optimum up to user trainings; in order to support our customer's operation efficiently.



Setting up WLAN networks for secure communication ...

Outfitting warehouses with WLAN technology requires careful planning. Massive building supports, high shelves with changing stock and many other factors affect radio waves, affecting transmission and reception quality and even leading to interruptions in the connection.

... with expert support

Our WLAN experts carry out site inspections and WLAN surveys and ensure optimal data and transmission quality. They work out the position of the access points, calculate the cells required and the optimal channel selection. All to provide stable communications!



Strong partners – strong on-site performance

Even stronger thanks to strong partners

In order to provide the service that our customers demand, we continue to build on a World Class network of partners established over many years. Integrators, service providers, consultancy companies, technology partners, software providers and our colleagues in local companies throughout the world support our range of services and our quality standards.

Support for our partners ... to the benefit of all concerned

We invest actively in the partner network we have created:

- Ongoing information sharing and training courses guarantee their expertise and level of knowledge.
- Product information keeps the knowledge of all our partners about our products up to date at all times.
- Through regular exchange of information and at joint events, we collect feedback in order to find out how we can support our partners even more effectively to provide our customers with the optimal service.

Advantech-DLoG
partner network



Our technology partners

- Distribute their own software for which they recommend Advantech-DLoG products
- Are well-known companies that have certified us as alliance partners
- Are partners with whom we want to look to the future together and develop solutions for tomorrow

Advice + Products + Services worldwide

Our partners and our colleagues from the regional companies give customers all over the world advice about all aspects of Advantech-DLoG products directly on site – and offer all services, from advice, planning and implementation, through to repairs and problem resolution.



Individual product design and customized development

We offer our customers comprehensive services for individual product development. Even our standard products can be quickly adapted to suit specific needs. On request, we will also develop fully customized models to meet specific product requirements. It's up to you!



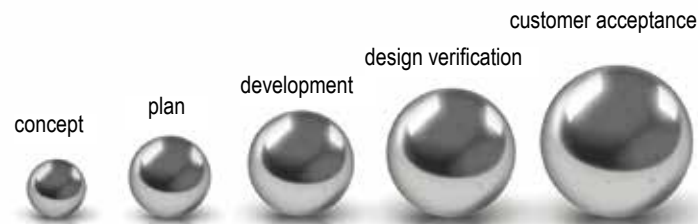
Standard products

- Standard configurations
- Standard certifications
- Certified modules
- Standard images
- No initial costs

ODM products (DMS)

- Customer requirements
- New or special admission
- New or not existing assemblies
- Individual software / individual image
- Initial costs by agreement

Together with you, we offer a comprehensive project management over the entire project development.



Customized products

- Easy visual changes
- Standard certifications/ approvals
- Certified modules
- Individual or standardized image
- Low initial costs

Our experience for your success

The best product for your requirements

Everything under one roof

We provide everything under one roof, from advice about development and production, including the associated project and process management, through to service and support. The advantages:

- A team of experienced engineers with extensive expertise
- Continuous communication with short response times
- Absolute customer orientation

The efficient workflow guarantees prompt implementation of your project and you save on development costs! You get what suits you best!

Contract manufacturing for products that are just right



Made in Germany

We develop and manufacture entirely in Germany. Solid engineering services and the strictest quality standards ensure the highest product quality.

Custom design

We bridge the gap between the design you want for the product under development, functional application and the way it looks. Whether it's an individual piece or series production – we deliver on time.

Sophisticated technology

We combine IP protection classes, mechanical resistance to shock and vibration, resistance to temperature and a design that is fanless. From the circuit board design, a wide range of interfaces through to control of the touch sensor, our electronics developers ensure the overall performance of our products for use in extreme environments. Antennas, power units and software are specifically designed or adapted for each terminal in order to achieve the optimal results.

Comprehensive all-round service

Our services range from advice about the latest and most suitable technology and specifications, through specification of the prototype, to fast repairs, should they ever be necessary.

DMS - Design Manufacturing Services

ODM - Original Design Manufacturer



German quality of the highest standard

We offer our customers products of a quality that far exceeds current industry standards, shock and vibration, dust and water-tightness are two examples. Maintaining and further improving this high standard is our main corporate goal.

The vision – smooth processes guarantee robust products

- High-quality products
- Replicable product quality
- Continuous improvement
 - The result is products of precisely the quality we envisage for our customers.



As we understand quality

Shock and vibration test

Quality management ensures product quality

Both product testing and independently verified quality management in accordance with ISO 9001:2008 are essential for top quality. But we go further! We meet the special requirements that customers make of us as manufacturers and suppliers by allowing our customers to inspect, certify and audit us down to the smallest detail at regular intervals. During product tests, external laboratories verify the performance of our products and our compliance with our own product claims.

Sustainability and environmental protection

Development, manufacture and disposal of electrical and electronic devices are subject to high environmental standards. Our products for logistics and fleet management are designed for safety and a long service life. Their entire life cycle is made as environmentally friendly as possible. We treat resources with care during their manufacture and comply with all relevant international guidelines.

Certification for worldwide use

Certifications in accordance with national legislation and international specifications make us a global player and allow safe use of Advantech-DLoG products throughout the world. We also meet the strictest guidelines to protect people and the environment.

It is important to us to design our products in such a way that they always meet current standards and legislation – both nationally and internationally. With certification of our products across the board, we guarantee compliance with the laws for our customers and partners, too.

Export and import as well as the operation of products purchased abroad are only possible with the right certification from the country concerned. The effort involved in certifying products for international use is enormous. Our understanding of quality and our commitment support international companies in their business – the certificates provide them with additional assurance that all requirements have been met.



ISO 9001:2008



A-DLoG products =
Environmental
conform



Advantech-DLoG meets the strictest environmental protection guidelines

- RoHS (Restriction of Hazardous Substances) – guidelines limiting the use of certain hazardous substances
- REACH (Registration, Evaluation and Authorization of Chemicals) – strict European chemical directive to protect people and the environment from hazardous chemicals
- WEEE (Waste Electrical and Electronic Equipment) – guidelines on environmentally friendly disposal of used electrical and electronic equipment



© by DLoG GmbH 2015
Industriestraße 15
82110 Germering, Germany
Phone: +49 (0)89 411191-0
www.advantech-dlog.com



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