



Healthcare Solutions

Mobilising healthcare, one step at a time

Healthcare innovators around the world are developing ground-breaking treatments and technologies that make real differences to the lives of patients and families alike. Their innovations are used by dedicated healthcare professionals, often in physically and emotionally difficult environments, where the technology translates to better quality more professional care.

We believe that Bytec Healthcare products and services can bring benefits to patient care by providing mobile platforms that facilitate clinical information access at the point of care.

Improved accessibility enhances process efficiency, leaving more time to administer care where it matters most.

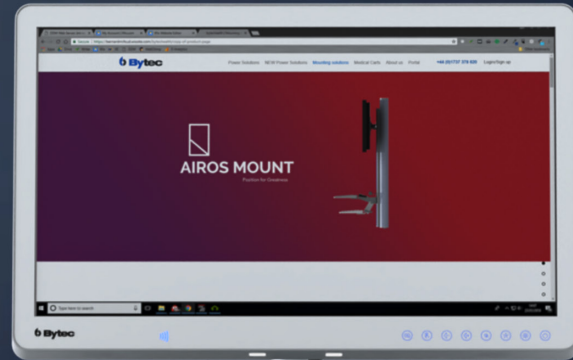
We are privileged to play our part in supporting healthcare professionals in delivering critical services. Our vision drives us to pursue ever-increasing standards of technological and service excellence in the production of ergonomic healthcare solutions globally.

“Our mission is to support
healthcare professions in
providing better patient
outcomes”



BRITISH DESIGN

Improving Patient outcomes
through technology



Mobile Workstations

About us

With over 20 years' experience in delivering effective solutions across diverse industries, we leverage our skill and understanding of the industry to create a range of ergonomic solutions designed specifically to address the various challenges in delivering patient care.

Bytec Healthcare is a diversified technology business, focused on supporting healthcare professionals to deliver quality patient care through innovative ergonomic solutions.

Our approach

Making a real difference to people's lives defines our vision and our mission. We seek to develop and nurture long-term partnerships with our customers in the pursuit of unified goals.

Our mission is to develop innovative solutions that healthcare professionals need in order to provide quality care to their patients.

Sustainability

Bytec Healthcare has made product durability and adaptability a key design feature.

Focusing on traditional manufacturing methods and a dedication to quality, our products are strong, robust and provide years of trouble-free use.

Corporate responsibility

We are committed to protecting our future through proactive engagement in environmentally and socially responsible programmes.

Legislative and safety compliance

We understand the importance of complying with international legislative and safety regulations and commit to ensuring compliance to the highest level.

Reclamation & Recycling

A large percentage of our products are made from recyclable materials and over 90% of our products, by weight, can be recycled at the end of their life.



www.bytechealth.com
Find out more

Engineering and development

Looking at new ways of enhancing accessibility lies at the very core of our business. As empowering technologies become ubiquitous in today's healthcare environments, our ergonomic solutions aim to enhance and complement the usability and ease expected from modern systems.

Design approach

Keeping things simple is one of our key design goals. Our products are designed for simplicity of use, and we make no apologies for the uncluttered look and feel. We seek to provide products that can integrate easily into daily workflows, simplifying processes and making life easier.

Working with leading manufacturers, business partners and suppliers globally, our aim is to mobilise the next generation of point-of-care solutions. From wards to clinics, operating rooms to intensive care units, we are working towards making wireless technology truly 'wire'less.

Consultative services

Bytec Healthcare has undertaken many projects within the healthcare industry and pride ourselves on being a trusted partner in a wide range of patient based technology projects.

Our services include:

- technology selection and suitability
- ergonomics and usability
- safety and infection control
- regulative conformance

Early stage project engagement and management allows the best practice integration of specific technologies, including our proprietary battery management and logging system.

OEM and ODM services

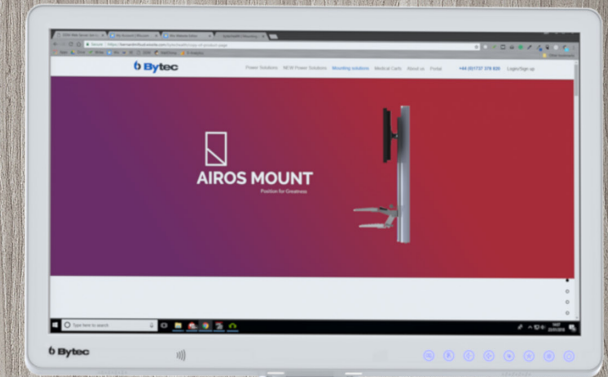
We offer a range of engineering and design services that leverage our knowledge in the development of ergonomic and power based solutions.

Our resources include:

- industrial design
- electronics design and PCB layout
- firmware and software development
- prototyping and validation
- regulative conformance and testing
- full product manufacturing in the UK and Taiwan

We can undertake various projects on a turnkey basis or as a support partner.

"At Bytec Healthcare we're passionate about building sustainable healthcare solutions for a positive future, combining function and purpose in an elegant, simple way."



Mobile Rolling Stands



www.bytechealth.com
Find out more

Our commitment to you

We aim to go that extra mile to make sure that we provide our customers with an end-to-end supply and logistics solution.

Our commitment does not stop when the product leaves our warehouse. Our after sales team provides training and technical support, as well as warranty and non-warranty repairs.

Product training

With regular product training days throughout the year, we provide our global sales network with the knowledge to support our customers effectively. We work directly with OEM and ODM customers on development projects to ensure a streamlined process.

Technology Open Days

We provide popular Technology Open Days that are not only of benefit to our prospective customers, but are also an invaluable forum for us to learn and understand what matters most to our customers.

Open days are free and allow us to exhibit and demonstrate our products to healthcare professionals so they can see first hand how our products can assist them in providing excellence in patient care.

The equipment we can bring to your Technology Open Day can cover applications such as:

- [endoscopy equipment](#)
- [mobilising healthcare](#)
- [electronic patient records](#)
- [wireless technology](#)
- [patient services](#)

Contact us for more information and book your own Technology Open Day.

Our partners

We are privileged to work with some of the world's most renowned healthcare technology innovators and caregivers. Their class leading treatments, solutions and commitment inspire us to drive the development and growth of our own products to meet the exacting standards needed to ensure best function, quality and safety.

Reseller and distribution partners around the world provide valuable local services and support.

“We provide our global sales network with the knowledge to support our customers effectively.”

Warranty for peace of mind

We fully understand that our customers are making significant investments in our products for the direct benefit of their patients, patient care and staff. This comes with a great deal of responsibility, which is why we extensively test our products throughout the design and validation stages.

However, we also understand that sometimes things happen, and so we have a strong after sales support team to ensure that, should you need it, your equipment is up and running quickly, whether it be in or out of warranty.

Our distribution and reseller partners are extensively trained to provide second tier support for the products they sell. However we are always there as your first tier support, irrespective of where the products were purchased.

Our 5 year mechanical product warranty reflects the manufacturing standards of our products and the materials we use. Electrical and power systems have a 2 year limited warranty.

For additional peace of mind we offer extended warranty programs, fully maintained rental agreements and lease purchase arrangements. These service are designed to optimise your investment, reducing unplanned downtime and improving clinician workflow.*

Extended warranty* allows you to have...

Peace of mind. Support when and where you need it.

Prompt response. Equipment back into operation as quickly as possible in the event of failure.

Service. Provided quickly and effectively by our own technicians.

Guarantees. To protect the operational lifetime of the equipment.

Extended Warranties allows clinicians to continue to provide the highest level of service to their patients in a safe and timely way.

Talk to our team to find out more about our extended warranties.

“We are with you every step of the way.”



Bytec Healthcare Limited is an ISO 9001:2015 accredited company.

*Services may vary between regions

Features providing integrated benefits



Antibacterial

Our products are designed with surface finishes and textures which can be disinfected with a range of cleaning materials, minimising cross infection.



Customisation Options

All carts and stands can be OEM designed with colouring and branding specifications to match existing equipment within a healthcare environment. Laptop, tablet, and PC panel mounting options are available.



Design Features

Height adjustability and smooth profiles have been designed with simplicity in mind. Developed for fast-paced environments which need reliable and flexible working platforms.



Accessories

A vast range of accessories are available for device stands, aiding workflow and general efficiency in health care environments.



Mobility

Lightweight by design, the robust heavy duty castors provide a stable work platform. The device stands are constructed for push and pull ease, ergonomically placed for easy movement, with safe brake mechanisms built in.



Power System

The GeniTec™ power solution converts the device stands into a fully powered mobile cart. With integrating 'Hot Swap' Battery Modules with 'Snap and Go' release functions. Power ready device stands can be utilised for data entry on the move.



OEM Design

Bytec Healthcare provides custom and bespoke solutions.

Products designed to fit your healthcare environment



Device Integration

If you already have equipment in your department let us...

- Integrate third party DC powered devices into existing equipment, providing cable-less operation and long term powered mobility
- Add accessories to fit your needs
- Mobilise stationary devices for a flexible environment
- Remove trip hazards with wire-free equipment



Surgical Imaging

Our high quality imaging displays are perfect for...

- Surgical and diagnostic applications with our high resolution display
- Integrated zero wire solutions, removing trip hazards
- We provide OEM compact solutions for existing display equipment



Patient Infotainment

Long or short stay patients benefit from this interactive system providing...

- Access to movies, internet, TV and telephone
- Professional, clinical, patient-centric services
- Clinician and patient interaction, conveying a clear critical pathway throughout their hospital stay



Clinical Workflow

Spend more time with your patients with mobilised clinical information...

- Monitor and record vital patient data through a mobile data entry point
- Bedside patient data entry
- Mobilise your clinical workflow and connect to cloud info quickly
- Computing mobility provides clear benefits to patient workflow and hospital efficiencies



Medication Management

Secure and mobile medication rounds...

- Secure medication dispensing
- Powered mobility of integrated medication systems provides digital data-logging solutions for healthcare staff

Mobile Workstations

Mobile computers that keep you **close to your patients**

Spending more time with patients is key to our innovative workstation designs.

By mobilising the workstations you can ensure that your time and space usage is maximised, with added flexibility.

Ergonomically designed, our workstations adjust in height for each user, they include a smooth handle for confident manoeuvrability whilst on the move and high durability castors with brakes when by the bedside. Designed with minimal footprint and integrated cable management for non-cluttered space saving, we help to maximise the effectiveness of your working area.

All surfaces are easily cleaned with approved cleaning products. Multiple accessories can be added to customise your workstations, allowing healthcare consumables to be quickly accessed whilst working on the move.

GeniTec™ power solutions can be integrated into our workstations, with run times powering you through shifts and enabling mobile bedside data entry.

We can tailor our versatile workstations to your healthcare environment with our OEM design service, to discuss the options available please contact us for more information.



“Looks sleek and professional.
Good infection control
surface, easy to clean, smart
and good to handle.”

UK University Hospital



GeniCart™

Powered Workstation



An innovative design, the GeniCart is light and versatile with a stylish worktop surface that is ideal for computing needs in a healthcare environment.

Ergonomically designed, the GeniCart adjusts in height for each user. It has a smooth handle for confident manoeuvrability and high durability castors which brake quickly when in use by the bedside. Designed with minimal footprint and integrated cable management for non-cluttered space saving, helping to maximise the effectiveness of the working area.

Powered with the GeniTec™ power system, this medical cart can provide a truly wireless solution with a power docking system for its 'Hot Swappable' modules. Our OEM design service can tailor our design to your needs, to discuss the options available please contact us for more information.

Key Features

- Robust construction for busy environments
- Small footprint with low friction castors for easy manoeuvrability
- Custom mount fittings and accessories to suit your needs
- Wireless cable management system, no trip hazards
- Height adjustable or fixed height, no bending
- Long life battery module, for shift-to-shift use



Specifications:

	Adjustable	Fixed
Height	30/40cm range	Various
System Input Voltage	28VDC	28VDC
Max Carrying Load	20kg (subject to height)	20kg (subject to height)
Castors	5 castors, 100mm, All braked	5 castors, 100mm, All braked
Footprint	70cm	70cm
Run time	8hrs (Depending on configuration)	8hrs (Depending on configuration)
Geni-Tec™ System	Dual Dock push button release Adjustable regulated output 12-28V	Dual Dock push button release Adjustable regulated output 12-28V
Compliance	CE	CE

"Powered with the GeniTec™ power system this medical cart can provide a truly wireless solution."

MITCart™

Non-powered workstation



Our MITCart range of mobile workstations are simple in design yet practical in use. With a strong and stable platform our custom-made aluminum base and heavy duty castors stand up to the rigours of a long working day. Designed to be infection control friendly, all surface finishes, textures and materials allow for quick and effective cleaning.

Let us colour code your MITCart range and accessories to complement your working environment. We can also supply PC panel displays and tailor our GeniTec™ power system to your cart.

Specifications:

Height	30/40cm range
Max Carrying Load	20kg (subject to height)
Castors	5 castors, 100mm, All braked
Compliance	CE, UKCA

Key Features

- Easy cleaning on the go, with seamless moulding and smooth surfaces
- Lightweight design for easy mobility
- Height adjustable, no bending
- Internal discreet cable routing, no trip hazard
- GeniTec™ power system for shift-to-shift power
- Small footprint for space saving



“Colour coded MITCarts and accessories will complement environments.”



Bespoke accessories tailored to your needs

There is an extensive range of accessories available, if you have specific requirements we can provide custom solutions.

Make it yours

- ① **Baskets.** Standard size in white.
- ② **Hooks.** In a small/large configuration.
- ③ **Rails.** Used for accessory attachment.
- ④ **Scanner Holders.** Stable mount to allow wireless scanners to be securely attached to the workstation.
- ⑤ **Printer Mounts.** Compatible with standard healthcare printers with lockable options.
- ⑥ **Handle & Cable Loop.** Low Profile Handle with intergrated loop for cable managment.
- ⑦ **Large Handles.** providing better movement and positioning.
- ⑧ **Thin Client Mount.** Mounting for small form factor PCs.
- ⑨ **DC Adapter Holder.** Vertical power adapter – for various power supplies.

OEM Design & Develop

We can design mounting plates and fixtures to meet your specific requirements.

Custom projects require specific accessories that we can design and manufacture to existing requirements.

Mounting solutions

- ⑩ **Twin Screen Pole.** Dual display fixing for a range of display options.
- ⑪ **Double Accessory Mount.** Dual accessories fixed to workstations.
- ⑫ **Single Accessory Mount.** Single accessories fixed to workstations.
- ⑬ **Laptop Mount.** Slimline laptop mount

Explore our Novos Arm range for more mounting solutions

Novos[™]Arms



①



③



④



②



⑥



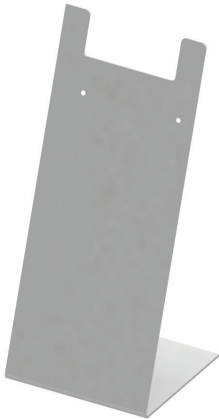
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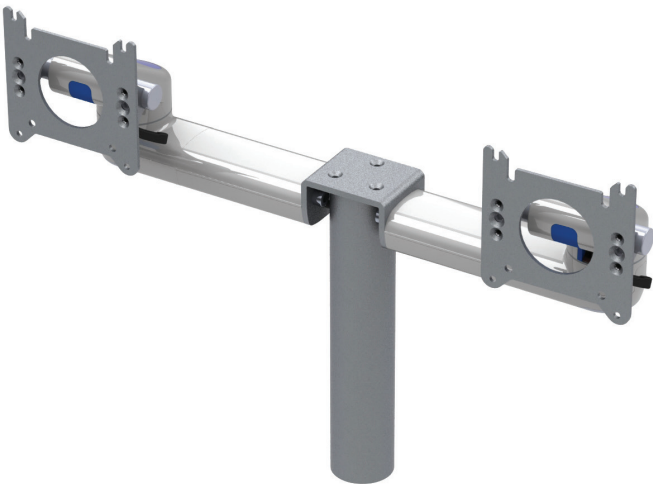
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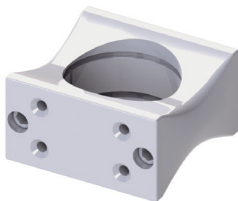
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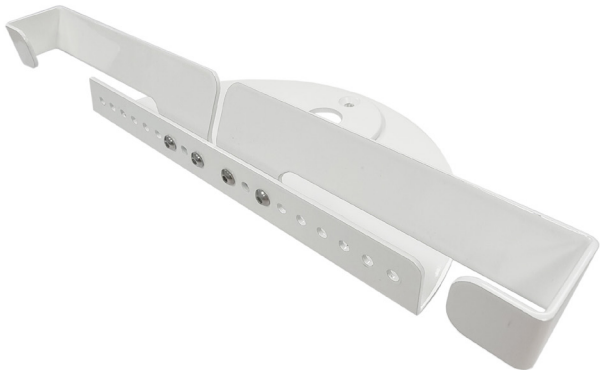
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Device Stands

A wide range of device stands for **every application.**

Mobilising your existing equipment through innovative design integration, is one of the many key services we offer.

Modern and slimlined, our device stands are compact with a small footprint, perfect for space saving projects.

The device stand range is designed to integrate everyday healthcare equipment such as vital signs and blood pressure monitors onto a mobile platform. With optional accessories, secure braked castors and smooth profile surfaces for quick cleaning, this lightweight medical cart is built to withstand the everyday rigours of a busy healthcare environment.

Height adjustability and low friction castors for easy manoeuvring are just some of the many ergonomically designed features of this unique device stand range.

All our device stands can accept our award winning GeniTec™ Power solution, allowing ordinarily non-mobile medical devices to become mobile, or enabling the run-time of existing internal back-up to be extended.



“Modern and slimlined, our device stands are compact with a small footprint, perfect for space saving projects.”

EcoStand™

Lightweight Device Stand



The EcoStand device stands are light but strong, with a stable platform and heavy duty castors. Infection control friendly – all surface finishes, textures and materials allow for quick and effective cleaning. You can colour-code your EcoStand range and add accessories to complement your working environment.

We can also supply PC panel displays as well as tablet and laptop mounting solutions. Plus, there is always the option to add our GeniTec™ power system to your EcoStand.

Key Features

- Easy antibacterial cleaning
- Lightweight manoeuvrability
- Height adjustable, no bending
- Power ready with our GeniTec™ power system
- Small footprint for space saving
- Tablet and laptop mounts available



Specifications:

	Adjustable	Fixed
Height	40cm range	Various
Max Carrying Load	10kg (subject to height)	10kg (subject to height)
Castors	5 castors, 75mm, 2 braked	5 castors, 75mm, 2 braked
Compliance	CE	CE



“Light but strong with a stable platform and heavy duty castors.”



“Infection control friendly surface finishes, textures and materials allow for cleaning quickly and effectively.”



MediStand™

Non-powered Device Stand



Our MediStand range of device stands are mobile and light in design but strong and practical in use. With a stable platform, our custom made aluminium base fitted with heavy duty castors, allows the Medistand to withstand the rigours of a long working day. Infection control friendly – all surface finishes, textures and materials allow for quick and effective cleaning. Colour code your Medi-Stand range and accessories to complement your working environment.

We can also supply Panel PC displays and tailor our GeniTec™ power system to your cart. For bespoke OEM design services contact us to discuss your project needs.

Key Features

- Seamless moulding and smooth surfaces for easy cleaning
- Lightweight manoeuvrability
- Height adjustable, no bending
- Cable management system, no trip hazards
- Power ready with our GeniTec™ power system for power on the go
- Small footprint for space saving projects

Specifications:

	Adjustable	Fixed
Height	40cm range	Various
Max Carrying Load	15kg (subject to height)	15kg (subject to height)
Castors	5 castors, 100mm, All braked	5 castors, 75mm, All braked
Geni-Tec™ System	Dual dock push button release Adjustable regulated output 12-28V	Dual dock push button release Adjustable regulated output 12-28V
Compliance	CE	CE

Power Solution

Introducing complete mobile system

Bytec Healthcare specialises in the design of DC Power Systems. Our award winning proprietary management and control system has been developed and tested over several years and is specifically focused on the healthcare market.

Our approach is to design and build the next generation of mobile power systems that not only integrate with our own carts, but can lead the way in introducing a generic standard across the global market. Our GeniTec™ power system, with a uniquely beautiful and practical design, introduces this new level in performance and safety.

Our goal is to create a new standard in power delivery and charging. We focus specifically on modularity and ease of integration. In addition, we have also worked to develop a solution that could deliver continuous power 24 hours, 7 days a week. Our patent pending snap-n-go™ battery modules make 'hot swapping' batteries an effortless process, completed in seconds. Wall mounted charger bays allow spare batteries the time to charge offline, ready for the next 'hot swap'.

As a company driven by technology, we are always looking to the future, making our products ready for tomorrow...today.

Our innovative voltage regulation and power delivery provides up to 150W of power, yet maintains total system efficiencies of up to 95%. This is class leading performance, supported and maintained with commitment.



“A uniquely beautiful and practical design, introduces a new level in performance and safety.”

The direction of DC power delivery

With computing performance increasing at an incredible pace, and respective power requirements ever decreasing, batteries as a source of power are providing longer and longer run times. However, the need for heavy duty systems, normally delivered by AC solutions are becoming outdated in today's modern environment. In ensuring that our products and services are well in line with this trend, we no longer offer AC power options, focusing solely on the more efficient DC output.

The GeniTec™ system is designed to meet the new USB Type - C standards which can deliver up to 100W at 20V, whilst maintaining maximum efficiency.

Our range of battery modules have a capacity of 85Wh to 216Wh. Consequently, high runtimes can be provided for a range of product applications.

Our regulatory compliance

Our products are sold globally and consequently, the need for regulatory compliance, and normalisation is particularly important in mitigating risk within the relevant healthcare environments.

GeniTec™ is compliant to various standards. Vigorous testing, validation and certification has been completed to both EM and UL standard, as well as FCC and CE.

The GeniTec™ system is an essential sub-system that can be used for medical device or healthcare equipment, we provide regulatory and certification support for OEM and ODM customers to assist them in meeting their own compliance standards. We have compliance packs available, with full details of test results and reports, to support this process.

Our engineering and development teams work in close collaboration with our partners to ensure that the power solution is integrated in the right way to bring maximum benefit to their applications.



"The GeniTec™ system is ready for this next step in power delivery."

Battery modules - the source of power

At the heart of the eco system are the battery modules. Available in 4 different capacities depending on application and frequency of use.

Every aspect of the design has been carefully considered and planned for the best possible result. From the ergonomic feel of the handle, the aesthetic styling of the casing and practical considerations such as weight, the ability to carry two batteries with only one hand, and the ease with which the snap-n-go™ mechanism works when removing or fitting a new battery module.

The battery modules are tested to IEC 62133 and UN38.3, with the 216W capacity battery module also tested to UL2054. The cells used are all UL 1642 tested and use the latest in NMC Li-Po technology.

Safety first

As with any source of power, especially those with high capacity, safety is of prime importance. All aspects of the safety circuits have been designed in-house and have been extensively tested and validated, including provision of single fault testing required by UL certification. In safety critical areas, second or third level protection has also been included. All safety critical circuits remain under our control.

Class leading fuel gauge system

The battery modules use the latest in impedance tracking algorithms for the monitoring of capacity, run time and charging. The system continuously monitors the state of the batteries and undergoes self-calibration to provide a level of accuracy of up to 99% over the life of the product.



“The system continuously monitors the state of the batteries and undergoes self-calibration to provide a level of accuracy of up to 99% over the life of the product”.



GeniTec™ Modular Eco System

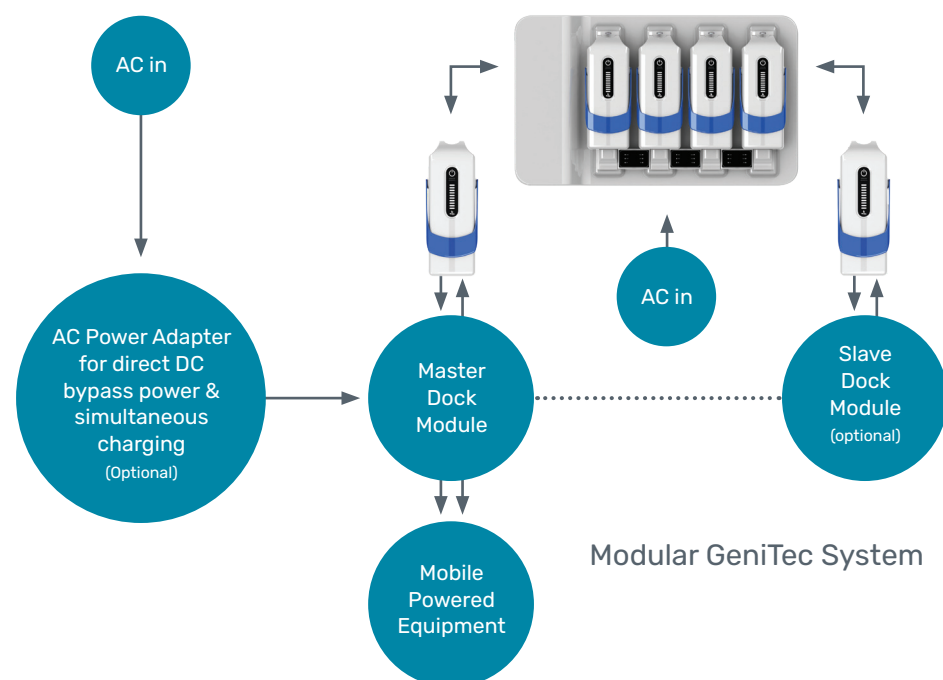
The GeniTec™ DC power solution has been developed in a uniquely modular way. Each component is self contained and packaged for simple integration across multiple platforms, forming an eco system across the facility.

Off-the-shelf accessories and mounting options are available to further simplify additional design in solutions by other healthcare manufacturers.

The system can be incorporated in various configurations including column, pole, panel and wall. Retrofit solutions are also available if integration is not possible.

“Every time a battery is added or taken away, every time the system is powering, event logs are created.”

Power System Architecture



Power management firmware and hardware

Extensive development and testing provides a robust, and safety-centric firmware and hardware platform, including multiple safety gateways and redundancy.

The design of both the hardware and firmware focuses not only on the safety aspects of the system, but also on the way the system feels and operates. Every detail has been considered, allowing for complex use models to be implemented for a range of different applications.

Battery charging stations

Although various configurations are available, chargers work essentially in the same way as a master dock module in the way they charge the batteries.

They also have an embedded logging system, so that irrespective of whether the batteries are being used or charged, information is being collected on their use.

Future proofing

Master dock data logging

The GeniTec™ system incorporates a real time clock, to allow it to record time and incident driven event logs. Every time a battery is added or taken away, every time the system is powering, event logs are created and at each event a snapshot of the system's 'vital signs' are recorded.

Each record is stored and indexed in an onboard non-volatile memory. This also includes information on the associated battery modules fitted and their critical information, including serial number, temperature, cycle count and more.

As with any technology, innovation and progress is inevitable. That is why Bytec has implemented an Intelligent Battery Module Power System™ (IBMPS™), using SMBus protocol to integrate each battery module with its chemistry, operating and charging parameters, firmware and OEM configurations. This means that the system will adapt to accommodate future advancements in battery technology.





Battery logging

Although the GeniTec™ master dock modules and chargers can log information to a centralised database, a copy of the most important information is also stored in the battery module's internal memory. Up to a year of historical information can be accessed at any time directly from the battery.

Storing data locally in the battery modules serves two purposes. Firstly, it allows for independent interrogation for local diagnostics, and secondly, when fitted to a charger, or other dock, the information can be extracted and sent to the centralised database. This is of value for systems that do not have Wi-Fi access. Although it will not provide the same level of information, it will still offer a useful level of diagnostics and analytics.

Cleaning and infection control

The GeniTec™ battery module is the first fully submersible power module of its kind, and has been tested to IP68 (NEMA6). Although it is not recommended, or necessary, to submerge the battery module, it is safe to clean it thoroughly as there are no live power terminals on the exterior surface. Everything is smooth and easy to clean, and in exceptional cases, the battery module can be rinsed briefly under running water and dried before re-use.



Software integration

From the battery modules all the way to the host equipment, data is collected, recorded and passed to a centralised database, this data is accessible by service and maintenance teams. The end user system is made up of three main components:

Geni-View Agent

This runs as a service on any Windows based platform, and will expand to other platforms in due course. It serves as the intermediary between any third party apps, and the GeniTec™ hardware platform.

It also controls the local database of data, and synchronises it to the Cloud based master repository.

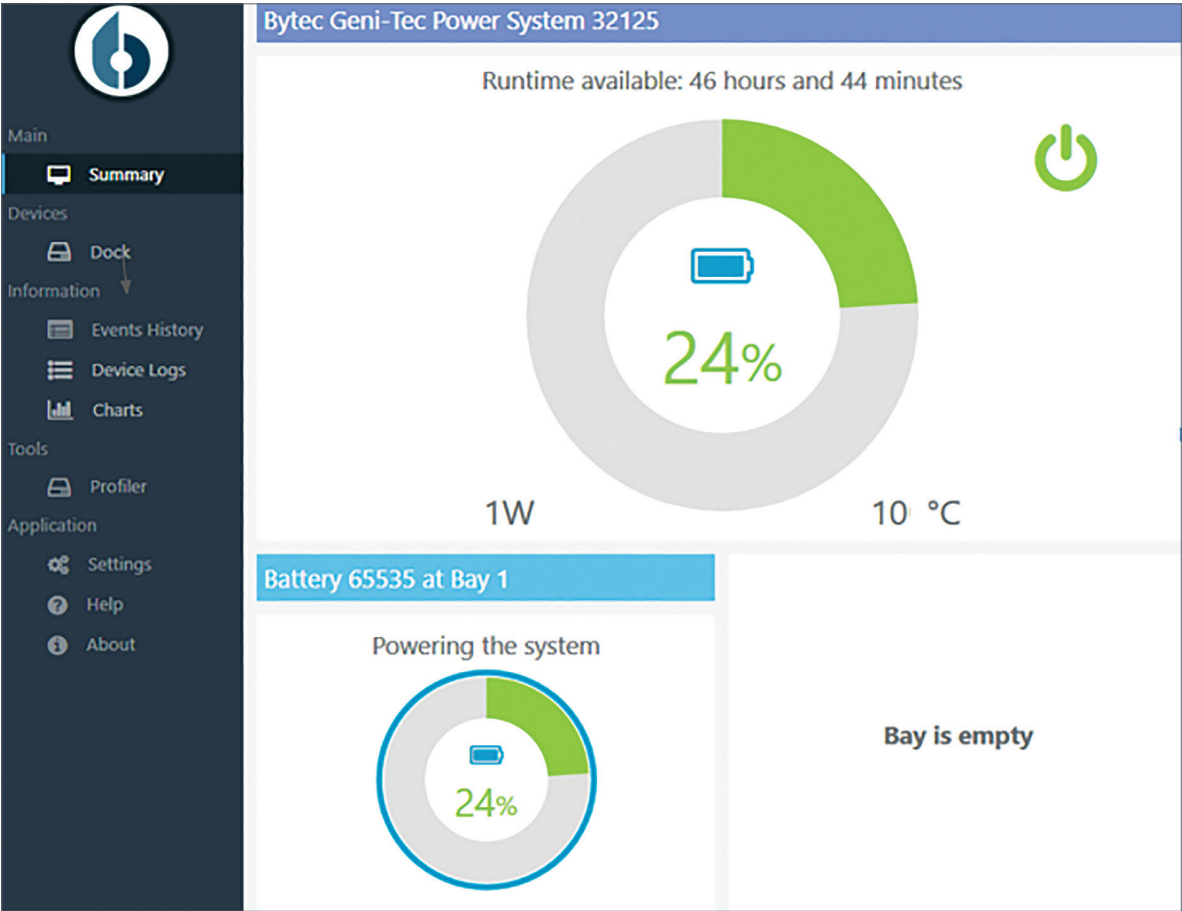
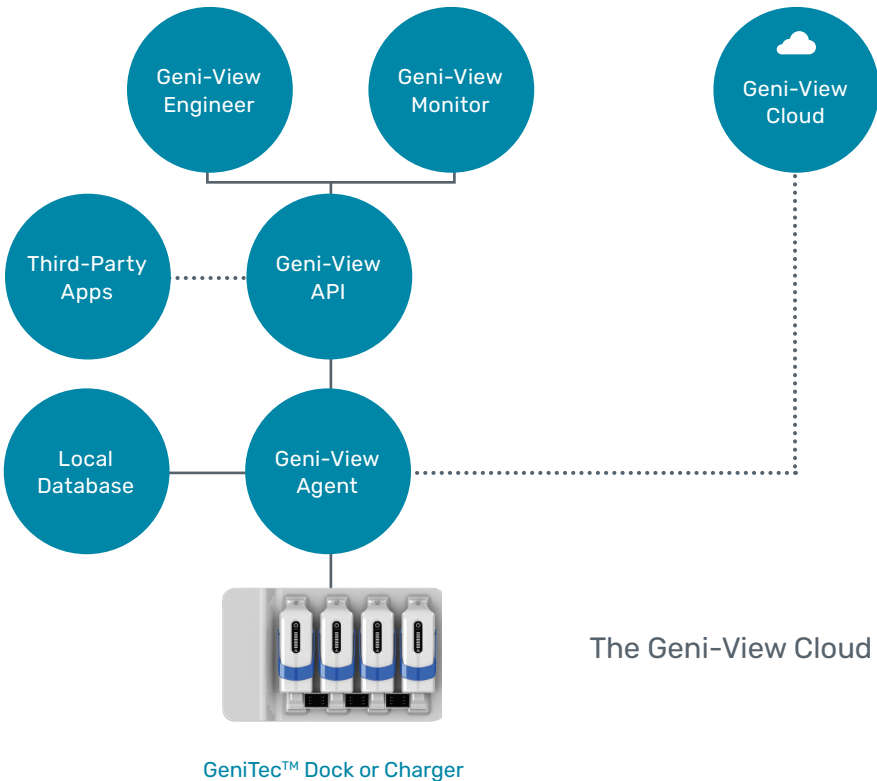
Geni-View apps

The user app runs in the system tray and allows the operator to monitor system performance and remaining runtime information. It also provides useful pop-up information.

Cloud based asset management suite

From a centralised repository, clients will have access to the data collected from their estate and will be able to set-up departments, users, and assets tracking information. A simple dashboard will provide near real-time information of the status of all the devices being used (devices require WIFI access and local setup using the Geni-View Agent).

Statistical information can be used to determine best use of the assets and provide clear feedback of any event, issue or preventative measure.



Developers and integrators

The GeniTec™ Eco System goes beyond the simple provision of mobile power, our sophisticated architecture allows for close integration with third party apps, and the ability to gain access to key information directly from the hardware via the Geni-View Agent.

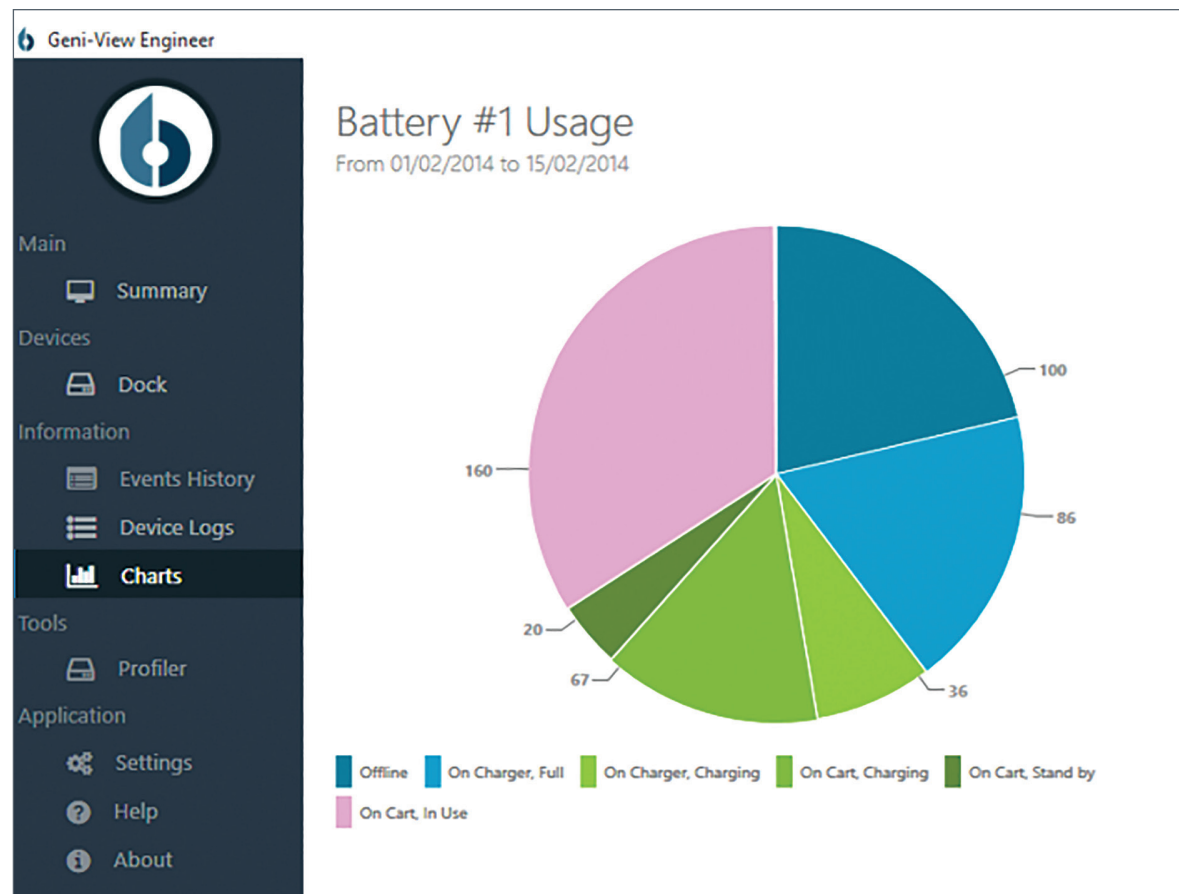
GeniView engineer app

For system integrators, a more comprehensive app is provided, allowing real time diagnostics and data acquisitions during validation and test phases.

The experienced Bytec technical teams provide consultative and technical assistance to OEM to support the integration of the GeniTec™ IBMPST™.

Geni-View application programming interface (API)

Depending on the developer tier level, various levels of API access are permitted, allowing greater control and access to support applications or client specific requirements.



“Support when and where you need it.”

Mounting Solutions

Mounting solutions that **give compact flexibility to any healthcare environment.**

Finding additional floor space can be difficult in small bays, which is why wall mounting can be a perfect compact solution.

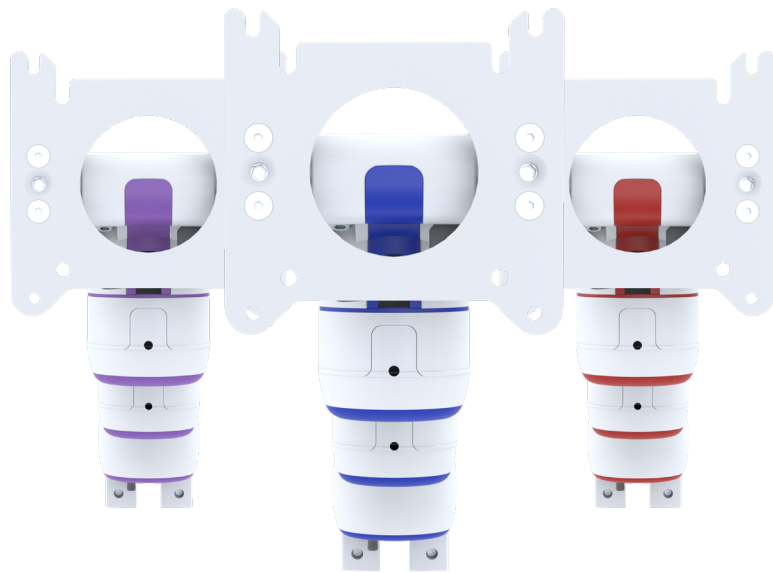
Our low profile, zero footprint, mounting solutions are wire-free with internal cable management for a complete contained workstation.

Airos and Novos Arms will give you a non-invasive, durable space-saving solution, which allows interaction and data exchange between patient and clinician.

With easy-to-clean surfaces and sealed mouldings, the Novos Arms and Airos wall mounts are designed specifically for infection control environments.

Height adjustability, multiple arm extensions, rotations and screen tilting mean that data entry and clinical workflow is flexible and ergonomically designed for a comfortable user experience.

Our MediKey keyboard can be interactive or locked into position on a flexible platform and fits perfectly on the Airos solution for quick data entry. With multiple configurations to choose from, creating your own ideal OEM design or integration of existing equipment is easy.



“Allows interaction and data exchange between patient and clinician.”



Novos™ Arms

Modular Mounting Solution



Our Novos Arm* range offers you a complete mounting solution, including fixed adapters, arms, mounting options and accessories. Engineered for strength, adaptability and ease of installation, the Novos modular mounting system includes a range of unique features.

Ideal at supporting displays, panel PCs and diagnostic equipment, the arms are also available with wall channels, pole mounts, rail adapters, fixing adapters and standard fixing mounts. Cables are contained within the Novos Arm, leaving you with a wire free, adjustable work area.



"Cables are contained within the Novos Arm, leaving a wire free, adjustable work area."



Key Features

- Low profile compact mounting system
- Smooth profile for easy antibacterial cleaning
- Integrated cable system, no wires
- Adjustable features, for ergonomic design



* Patent Pending Cable management design

Novos™ Arms Specifications

Combination 1 - 2000 Height Adjustable with Extension:

160 degree turn on all joints. Tilting VESA mount bracket.
Joint extension and lockable options. Height adjustability.
Built in gas spring for assisted support.

Arm Length	71cm (horizontal position, excludes mount)
Max Weight	8kg
Material	Aluminium and Plastic
Colour	White or Cool Grey (arm) Blue or Grey (trim)



①



②

Combination 2 - 2000 Height Adjustable:

160 degree turn on all joints. 45 degree articulating position.
Tilting VESA mount bracket. Lockable positioning. Height adjustability.
Built in gas spring for assisted support.

Arm Length	48cm (horizontal position, excludes mount)
Max Weight	12kg
Material	Aluminium and Plastic
Colour	White or Cool Grey (arm) Blue or Grey (trim)



③

Combination 3 - 500 Double Arm Modular Mounting System:

160 degree turn on all joints. 115 degree tilting VESA mount bracket.
Lockable positioning.

Arm Length	40.5mm (18cm section - excludes mount) 50.5mm (23cm section - excludes mount)
Max Weight	12kg
Material	Aluminium and Plastic
Colour	White or Cool Grey (arm) Blue or Grey (trim)

Combination 4 - 500 Single Arm Modular Mounting System:

160 degree turn on two joints. 115 degree tilting VESA mount bracket.
Lockable positioning.

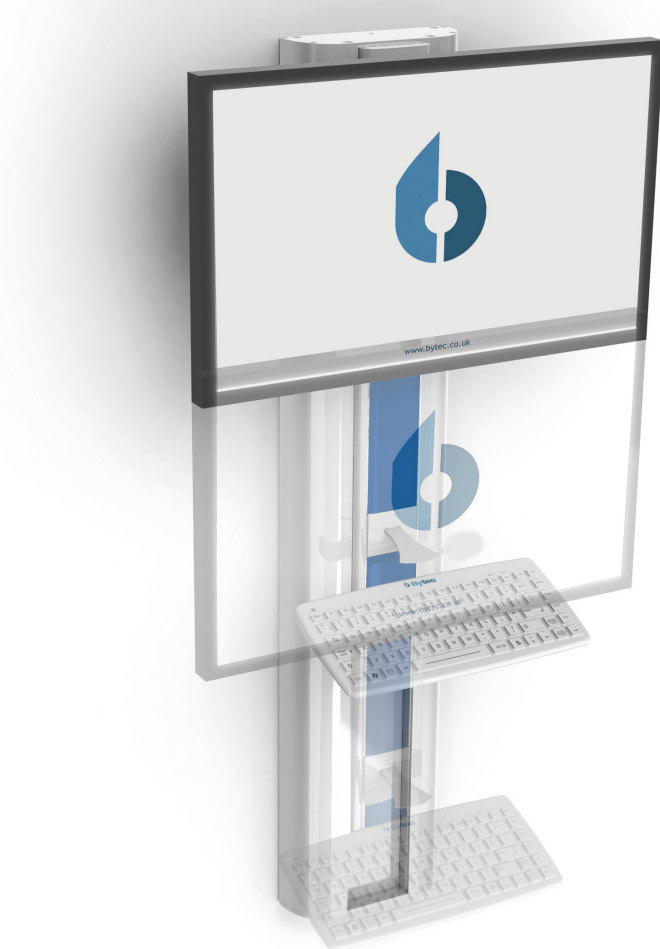
Arm Length	25.5mm (18cm section - excludes mount) 27.5mm (23cm section - excludes mount)
Max Weight	15kg
Material	Aluminium and Plastic
Colour	White or Cool Grey (arm) Blue or Grey (trim)



④

Multiple Configurations

Multiple combinations of Novos Arms are possible, contact Bytec Healthcare for more information.



Airos™

Wall Mount Solutions



The Airos* wall mount system allows displays and keyboards, or other data entry panels, to be mounted to walls in medical environments. A low profile design, the smooth surfaces make the Airos easy to clean with disinfectants. The central handle gives extra support when adjusting the height or angle of the display and keyboard so it is always in the ideal position. An uncluttered work area is achieved with our integrated cable management system. The keyboard mount is compatible with standard keyboard sizes and our own MediKey can be tailored to your wall mounting system to suit your needs.

Key Features

- Low profile compact mounting system
- Smooth profile for easy antibacterial cleaning
- Integrated cable system, no wires
- Height adjustment, no bending
- Keyboard mount, adjustable height and tilt angle

Specifications:

Height	30cm range
Material	Aluminium
Compliance	CE

"An uncluttered work area is achieved with our integrated cable management system."



* Patent Pending - Cable management design

Accessories

Supporting Accessories for mobile application

Complete the solution with our range of mobile accessories adaptable with our products. Our offering range from healthcare focused supporting devices like medical keyboard and compact AIO PCs.

Combining modular functionality and paired with our recommended devices achieves a reliable mobile solution.

Explore our OEM services for complex mounting for unique medical devices which require specialist mounting. We offer affordable engineering services to help design, manufacture and deliver a complete solution.

We have many partners who can offer mobile solutions compatible with our modular carts and stands.



Keyboards



AIO PCs



Scanner



Printers



"Everything you will need, all on one mobile system. If we don't have it, we can make it"



MediKeyTM

Medical Keyboard



The MediKey Keyboard is designed to meet the exacting standards of today's healthcare environment. It is manufactured using hypo-allergenic, latex-free, silicone rubber with a coat of resistant against both chlorine and alcohol-based disinfectants and cleaners. The keyboard can schedule a cleaning cycle based on the amount of use it has had.

Activating the 'disinfect' mode disables the keyboard while cleaning, once the disinfect LED has turned off, the keyboard returns to normal use. As a proprietary development, a key feature is our ability to fully customise the function of any and all keys, including additional function keys to improve workflow efficiency, ideal for specific applications. It's unique small form factor means it has a smaller footprint than standard keyboards allowing more room on the cart work surfaces.



"Maximum protection
against the spread of
infection."



Waterproof IP65



Key Features

- Wired or Wireless configurations
- 50mm x 50mm rear VESA mount
- Smooth surface finish for easy to clean keys
- LED Indication panel for intelligent disinfect mode
- Silver-ion antimicrobial technology, reduces the threat of cross-contamination
- Ergonomic design
- Innovative docking system for automatic charging
- Built-in touchpad

Specifications:

Dimensions	280 x 211 x 29mm (WxHxD)
IP Rating	IP65 Waterproof
Net Weight	0.75 kg
Layouts	Multiple Languages
Compliance	UKCA, CE, FCC, EN60601

Zebra Scanners

Medical Grade Scanner



Healthcare scanner enables hospitals to streamline patient admissions, gain access to crucial patient information and medical records, enhancing the quality of care and minimising errors. Scanning healthcare labels facilitates effortless medication tracking and precise medication administration, ultimately safeguarding patient well-being.

Healthcare scanners are engineered to function continuously throughout shifts, operating silently overnight, and providing the utmost protection against infection transmission.

Key Features

- Bedside point of care
- Patient Identification
- Electronic Medical Record Access
- Medication Administration
- Healthcare Barcode Systems



DS4308-HC Mobile Scanner

Experience better performance, simplified remote manageability and



CS4070-HC Mobile Scanner

Designed, produced and rigorously pretested, Zebra Certified

ZEBRA GOLD

We are a certified Zebra partner who can **source**, **test compatibility** and **incorporate** Zebra devices into your workstation application.



“Ensuring a higher level of care and reducing the risk of errors.”



Zebra Printers

Medical DC Printers



Practical, easy to use and easy to clean, using mobile printing technology to produce barcodes is becoming the definitive means of reducing errors in patient identification. Barcode wristbands help to eliminate confusion and increase staff certainty and, as a result, quality of patient care.

Specimen collect, medication labelling and blood administration, all can be carried out more confidently and efficiently using mobile printing while looking towards the adoption of electronic medical records, meeting relevant legislation and achieving budgetary and business goals.

Key Features

- Bedside point of care
- Blood Bank Management
- Healthcare Labeling
- Specimen labelling
- Breast mike labelling
- Patient Admissions
- Laboratory Management
- Check-In & Administration



ZQ610-HC Mobile Printer

Experience better performance, simplified remote manageability.



ZQ620-HC Mobile Printer

Designed, produced and rigorously tested for reliability. Zebra Certified.

“Robust printers designed to operate all day and all night”



Integration Support

Benefit from our specialist team who can assist with integrating your devices with our mobile-powered workstations.

Helping you every step of the way

Medical AIOs

All-In-One Computer



Everything you need , all in one system

Our All-In-One (AIO) touchscreen computer is tailored for clinical use, meeting high demands for Electronic Medical Record (EMR) applications. Paired with our mobile carts and stands, it offers ideal EMR solutions, featuring long sessions with low power consumption, minimal noise, and consistent performance. Tested to IP65 for improved infection control and designed fanlessly to prevent dust buildup, our medical-grade AIOs are highly customizable for an optimized mobile solution.

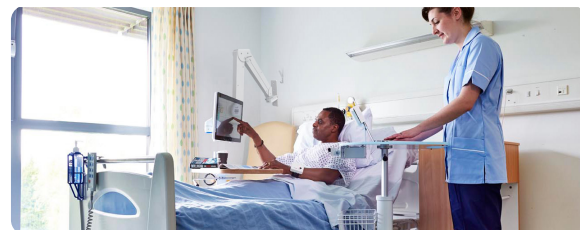
Efficient delivery of care

Streamline healthcare processes and improve the efficiency of care delivery through integrated EHR systems, allowing healthcare professionals to access patient information, Results and treatment plans directly from the bedside system.



Enhanced Patient Experience

Overall a complete solutions offers a convenient, cost-effective, and efficient means of delivering healthcare services, ultimately improving access to quality care and patient outcomes.



Remote Consultation

Effective communication and diagnosis by enabling real-time video conferencing, reducing the need for physical appointments and travel, enhancing patient-centered care in modern healthcare practices.



Telemedicine

Telemedicine allows for seamless continuity of care, enabling patients to stay connected with their healthcare providers for follow-up appointments via virtual patient-doctor interactions from any location.



Digital Paper Solution



Low Power Consumption Real-Time Access to Data Fast Introduction



Enhance Healthcare through innovation technology and improve working efficiency

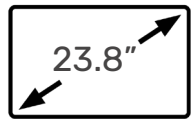
Building a better healthcare with smarter solutions

Mobile Devices & IoT Solutions

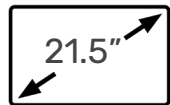


Medical Panel PCs

BHD-H AIO Range



BHD-240H



BHD-220H

Specifically designed for the demanding healthcare environment, our Medical Panel PCs offer a range of advanced features that elevate patient care and streamline clinical workflows even in the most challenging healthcare environments. Our AIO delivers unparalleled computing power and efficiency. All AIO are seemingly adapted and harmonised with Bytec Healthcare equipment to elevate your workflow to deliver better patient care and improved patient outcomes.

Key Features

- Display with PCAP multi-touch
- Ultra-slim design
- Low profile PCIe expansion
- Front panel IP65
- Optional NFC/barcode/handset

Easy Mounting Solutions

- Panel Mount Kit
- Wall Mount Kit
- External Brackets



P-CAP Touch



Dual Display



NFC Ready



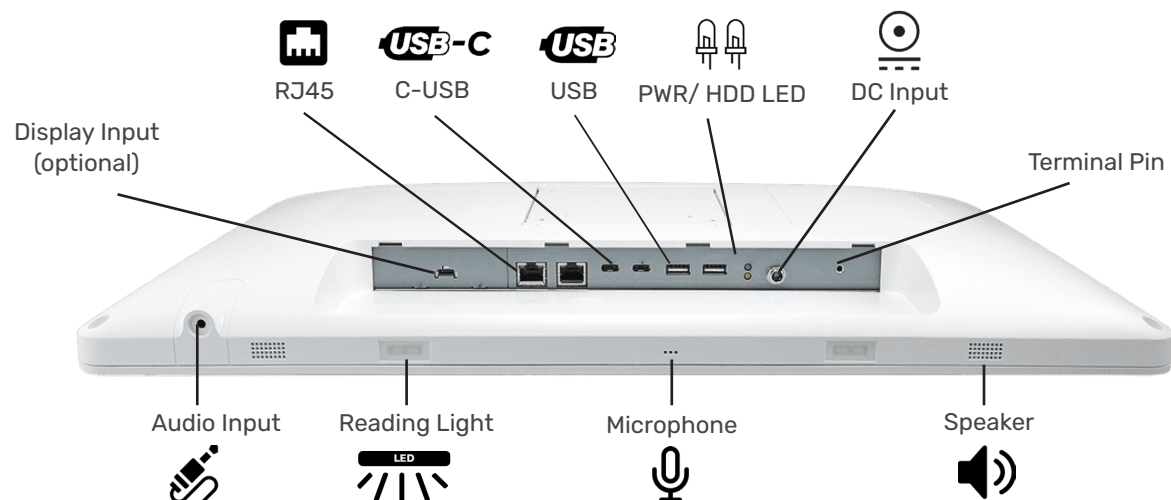
Isolated I/O



Full Flat Screen



Anti-bacteria



BHD-220H 21.5" AIO

Specifications: (Multiple AIO configurations available)

Processor: 11th Generation Intel Core i7/i5/i3/Celeron- Tiger Lake
Storage: 1 x M.2 storage
I/O Chip: IT8528E
Display Type: Full HD
Resolution: 1920 x 1080
Operating Temperature: 0°C--40°C (32°F ~ 104°F)

BHD-240H 23.8" AIO

Specifications: (Multiple AIO configurations available)

Processor: 12th Generation Intel Core i7/i5/i3/Celeron- Alder Lake
Storage: 1 x M.2 Key M storage (optional) 1 x 2.5" SSD (optional)
I/O Chip: IT5782VG
Display Type: Full HD
Resolution: 1920 x 1080
Operating Temperature: 0°C--40°C (32°F ~ 104°F)



MORE INFO ONLINE

Click this link or use the QR code



MediView™ 185

Partnet Engagement Solutions



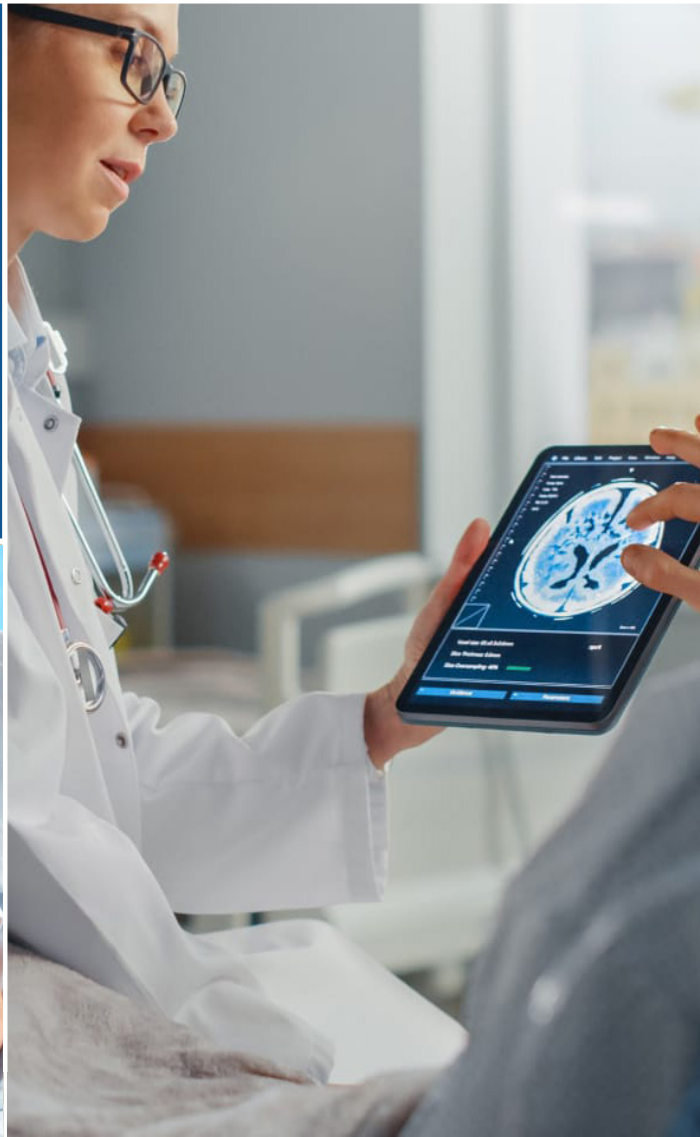
The Healthcare focused AIO has been designed to support medical mobile applications. A tightly compact computing unit with a variety of operation configurations for optimised performance. An ultra slim modular design for future add-ons and upgrades like VOIP handsets providing many choices of navigation and functionality for partner engagement solutions enabling entertainment, advice, reminders, education, interventions, monitoring and remote admissions.



Designed to better patient engagement and deliver care right at the bedside

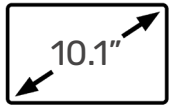
Key Features

- Onboard Intel® Atom™ Processor Z3735F
- Ultra Slim modern aesthetic design
- High resolution CCD camera
- Fanless low power platform
- IP-65 on Front Panel Protection
- VOIP Handset
- Antibacterial casing materials
- Phone Cradle and on/off hook Sensor



Medical AIOs

Ultra Slim Panel PC



BHD-220H

PID and RID integration optimizes workflow efficiency, allowing medical staff to focus more on patient care rather than administrative tasks. PID (Patient Identification) and RID (Record Identification) streamline patient information updates in the hospital's Health Information System (HIS). They ensure accurate tracking and linking of patient records, facilitating efficient updates to care plans and medical conditions. Integration with the HIS system enables real-time updates, enhancing data accuracy and consistency across all patient records. This efficiency saves time and minimizes errors, promoting better patient care and outcomes.

Key Features

- Sleek design: Thin, light, & elegant
- LED indicators: Programmable lights on frame sides
- NFC functionality: Video calls, guest ID verification, data transfer
- Responsive touch: Multi-touch PCAP technology

Application Example

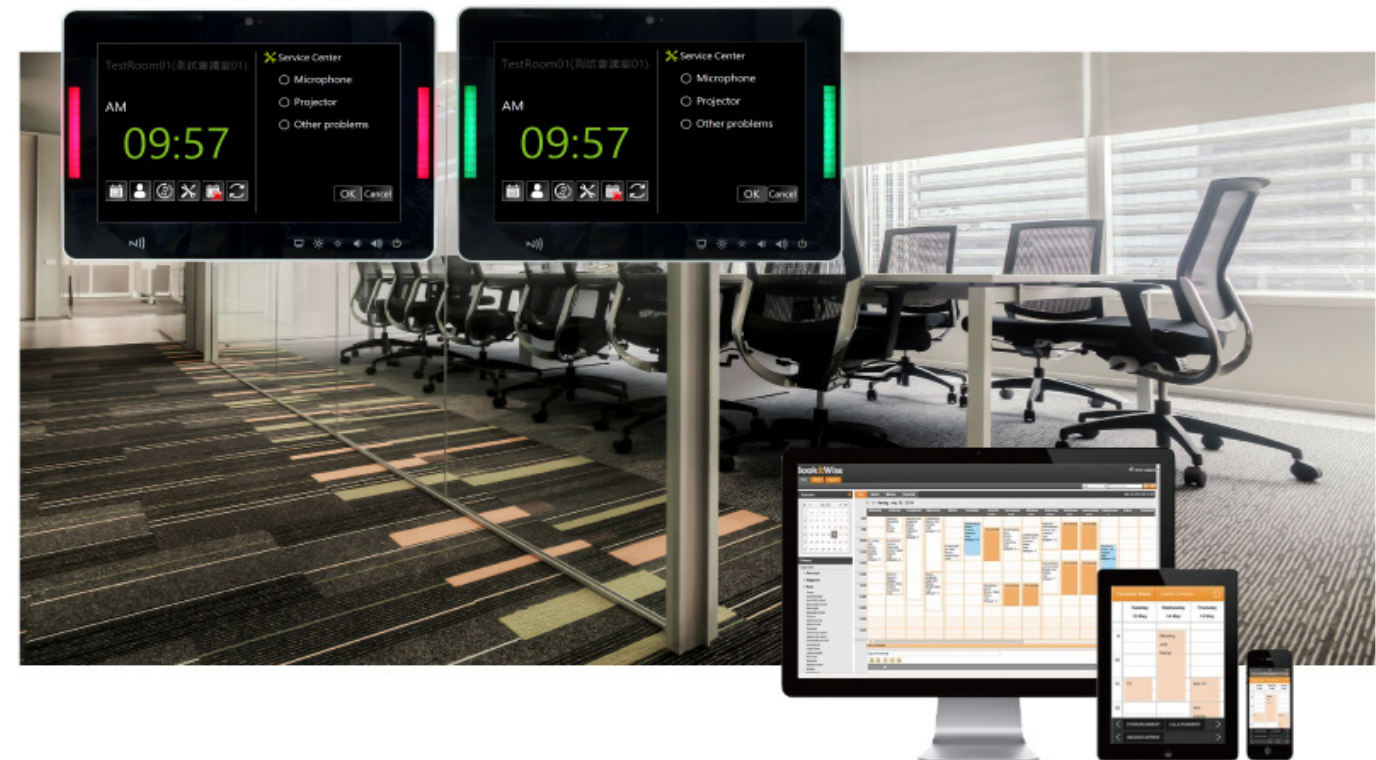
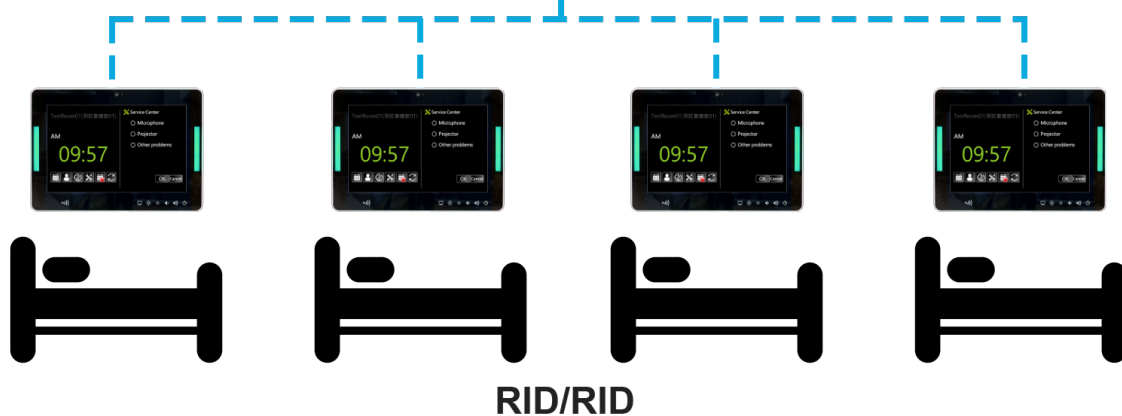
RED shows busy rooms and GREEN shows available rooms. It can be mounted on the glass wall. Users can schedule and confirm any event or meeting room appointment



“Improve patient outcomes, increase productivity, and streamline everyday processes.”



Wifi / RJ45 LAN Cable



Mobilising Healthcare

Bytec Healthcare Limited is dedicated to transforming healthcare environments by specialising in cutting-edge mobile carts and stands. Our product range encompasses advanced power solutions, hot swap battery systems, and precision-engineered mounting solutions, all tailored to meet the dynamic needs of modern healthcare settings.

Bytec Healthcare takes reasonable steps to ensure that all technical information and recommendations disclosed in our datasheets, brochures and website are based upon our experience and research, and are provided in good faith. Users shall independently determine the suitability of the products shown for their particular regional requirements and intended use, and will ensure that they meet the relevant regulations for the countries of use, as these may differ greatly from country to country. As such we accept no liability whatsoever for any inaccuracies herein disclosed. Please feel free to contact our technical teams, who would be delighted to advise you on specific regulatory issues. Bytec Healthcare reserves the right to alter, delete or make obsolete any product featured in its brochures, datasheet and website without prior notice. E&OE.

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