

ACCESSORIES

BATTERIES / CHARGER / KEYBOARD / MOUSE



MT202 - LITHIUM-ION BATTERY PACK



RELATED ACCESSORIES (available separately)



MT202 6-gang battery charger

RELATED PRODUCTS

MT700-24T



MT500-24T



PRODUCT CODE

MT202 Lithium-ion Rechargeable Battery Pack

The Freeway Med-Tech MT202 Lithium-ion battery packs are for use in our Medical Grade Monitors and AIOs and offer a voltage and capacity spec of DC10.9V 7800mAh - 85Wh. Hot-swappable and featuring internal discharge circuit protection. Charge status LEDs show 4 different stages of the power cycle to aid better charging habits. Charging is supported in-monitor; or externally in our 6-bay charger. Full charge time is approx. 4.25hrs in-monitor.

DIMENSIONS

Height = 148.4mm Width = 88.8mm Depth = 19.4mm

PRODUCT ELEVATIONS

Front



W

Side



D

KEY FEATURES

- Hot-swappable
- 4 clear charge status LEDs
- High capacity 7800mAh per pack
- Auto short circuit protection
- Quality Samsung cells used
- Cloth tab for easy removal from monitor/AIO

MT202 - LITHIUM-ION BATTERY PACK

TECHNICAL SPECIFICATIONS

Item	General Parameter	Remark
Description	Freeway Med-Tech Li-ion rechargeable battery MT202 DC10.9V 7800mAh - 85Wh	353P Assembly
Cell Model	Samsung SDI 18650	
Typical Capacity	7800mAh	
Typical Voltage	10.8V	
End of Charge Voltage	12.6V	
Charge Current	0.2C	
Charging time	4.25 hours in monitor from 10% - 90%	Faster off-cart charging available using our external charger
End discharge Voltage	8.4V	
Max continuous charge	3.9A	
Maximum continuous Discharging Current	10A	
Over-discharge Voltage Protection cell	2.8V	
Over-Current Discharge Protection	13-16A	
Short circuit protection	With protection	
Dimension	148.4x88.8x19.4mm	
Weight	435g	
Operating Temperature Range	Charge 0~45C, Discharge 20~60C	



MT202 Batteries shown in a powered monitor MT700-24T (uses up to 3 packs).

SAMSUNG

High quality components

Samsung SDI 18650 cells are used within our battery packs.



On-battery status LEDs

Clear at-a-glance visual of battery health via four LEDs.

- 4 LEDs / 75-100% charged
- 3 LEDs / 50-75% charged
- 2 LEDs / 25-50% charged
- 1 LEDs / 0-25% charged



MT202 - 6-BAY SMART CHARGER



*Battery packs are purchased separately.

RELATED PRODUCTS *(available separately)*

MT202



MT700-24T



MT500-24T



PRODUCT CODE
MT202 6-Bay Smart Charger

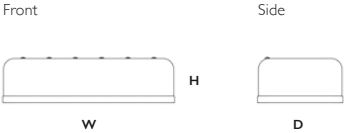
The MT202 6-Bay Smart Charger Kit (ACC-001-596) charges the hot-swappable MT202 batteries for the MT700-24T, and MT500-24T series Medical Monitors / AIOs. The Kit includes one battery cradle, an AC-DC adapter, and a power cord.

The battery cradle features a DC-input jack, six battery slots, and six LEDs for power and charging indicators. Connect the AC-DC adapter cable to the DC-input jack and then insert the battery packs in the correct direction into each slot for charging.

After inserting the battery pack in the slot, the charging LED lights up (orange) if the battery pack is being recharged. When charging is complete or if the battery pack is already fully charged, the LED will show solid blue.

DIMENSIONS
Height = **81.6mm** Width = **321mm** Depth = **157.6mm**

PRODUCT ELEVATIONS



MT202 - 6-BAY SMART CHARGER

TECHNICAL SPECIFICATIONS

I/O Ports	
DC-in	1
Charging Slot	6
Mechanical and Environmental	
AC/DC Adaptors	Input: 100 – 240V AC; Output: 19V DC, 10.52A
Dimensions (H x W x D)	81.6 x 321 x 157.6 mm
Weight	1.3kg
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C
Humidity	0% – 90% non-condensing

*Specifications subject to change without notice.

- PRECAUTIONS**
1. Always exercise care when operating and handling.
 2. Do not disassemble any portion of the charger and adapter as this will void any product warranty.
 3. Do not use any power adapter other than the one provided with the device or acquired from the manufacturer or its partners.
 4. In the unlikely event that abnormal noise, strange odour, or smoke is present, immediately disconnect all power sources. Please report the problem to your device provider immediately.



Individual charging status LEDs

INCLUDED IN THE KIT



AC-DC power adaptor with power cord



Charging status LEDs
Clear at-a-glance visual of charging status via individual LEDs.

Blue - fully charged battery
Orange - charging battery

MT101- FULLY WATERPROOF BACKLIT KEYBOARD



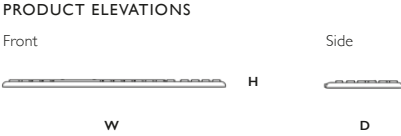
RELATED PRODUCTS *(available separately)*



PRODUCT CODE
MT101-W-UK Waterproof IP68 backlit keyboard
featuring a Cleaning Lock Key

The MT101 Keyboard can be fully submersed in water, making it fantastic for clinical environments and very easy to clean for high traffic clinical use. It's fully tested to IP68 to withstand frequent disinfection and offers Freeway Med-Tech's highest infection control compliance for a keyboard. It offers ergonomic typing, with raised keys for touch type feed back and has an adjustable blue back light which make it great for use at night. It also has the ability to lock the keys for quick cleaning. Another stand out feature is its silent keys - useful for typing in areas that are noise sensitive such as at a patient's bedside.

DIMENSIONS
Height = **10mm** Width = **380mm** Depth = **130mm**



- KEY FEATURES**
- IP68 – designed for complete immersion in water.
 - Cleaning Lock Key - pressing this key for 5 seconds activates cleaning mode that locks all keys. Press again for 5 seconds and the lock is released.
 - Rubberised coating for a tactile, quiet typing surface.
 - Designed to withstand water; alcohol and disinfectants.
 - Adjustable backlit keys - great in dark environments or at night (can be switched on or off).
 - Sold at cost price - offers the highest levels of infection prevention across a hospital, at the lowest cost!

MT101- FULLY WATERPROOF BACKLIT KEYBOARD

TECHNICAL SPECIFICATIONS

Feature	General comment
Connection	Wired
Interface	USB
Dimensions	10x380x130mm (HxWxD)
Weight	720g
Cable Length	180cm
Number of keys	110
Platform	Windows, Mac and Linux
Protection rating	IP68 (fully tested to resist dust and dirt and can fully submersed in water to a depth of 1.5m for 30mins)
Lockable	Yes (5-second press to lock/unlock)
Compliant standards	CE / FCC / RoHS / IP68
Backlight	Yes - blue colour, adjustable brightness, on/off
Warranty	36 months
Operating temperature	-30°C ~ +70°C

*Specifications subject to change without notice.



Cleaning Lock Key
Holding this key in for 5 seconds disables all key inputs until it is pressed again. Great for cleaning whilst the keyboard is still plugged in!



Backlit keys on/off
Toggle the keyboard back-light with a simple key switch. The rubber encasing ensures the unit stays waterproof regardless of the keys' up/down state.

IMAGE FAR LEFT
Spillages
Iodine, coffee, blood... all easily rinsed and wiped clean. Even whilst the keyboard is plugged-in!



Fully waterproof
Not just water resistant or splash proof, this keyboard can withstand being fully immersed in water! This makes cleaning the surface extremely easy and thorough.

*See pages 102/3 for detailed information on cleaning chemicals and procedures.



Backlit keys for nightwork
All keys and status icons are backlit with an adjustable blue light that can be switched on/off as required. It makes working in reduced lighting much easier and more error-free.



Soft silicone encased keys
Our beautifully tactile soft silicone coating not only ensures zero liquid enters the electronics inside, but it also extremely quiet and comfortable to type on.

MT105- FULLY WATERPROOF LASER MOUSE



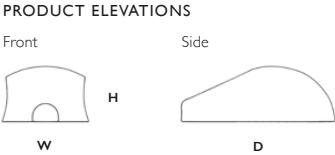
RELATED PRODUCTS *(available separately)*



PRODUCT CODE
MT105-W Waterproof IP68 easy-clean laser mouse

The MT105 IP68 Laser Mouse is fully waterproof and designed for clinical use as it can be cleaned easily, using popular hospital chemicals. It's sealed to the highest IP68 standards in silicone to withstand frequent disinfection and offers Freeway Med-Tech's highest infection control compliance for a mouse. We are proud of the design and is a result of hundreds of hours of testing in NHS environments, with power needs specially customised to work with our MT700 & MT500 Powered Medical displays. Ideally suited in ICU, Theatres or any area where the risk of contamination is high, and cleaning is constant, requiring a rugged medical mouse.

DIMENSIONS
Height = 42mm Width = 115mm Depth = 68mm



- KEY FEATURES**
- IP68 Rating – the mouse is completely water tight and so is protected against complete, continuous immersion in water.
 - Designed to withstand water; alcohol and hospital disinfectants
 - Stylish design and comfortable shape to suit left or right-handed users
 - Scrolling touchpad in the middle of the mouse

MT105- FULLY WATERPROOF LASER MOUSE

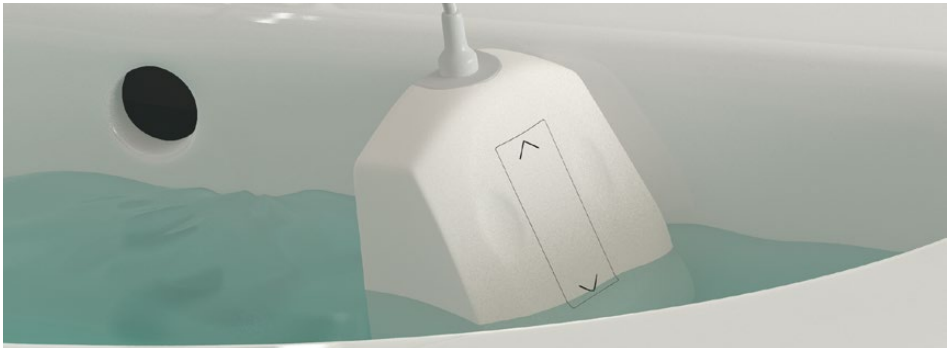
TECHNICAL SPECIFICATIONS

Feature	General comment
Connection	Wired
Interface	USB, PS/2
Dimensions	42x115x68 (HxWxD)
Weight	176g
Cable Length	180cm
DPI (resolution)	1000
Tracking Method	Laser
Hand Orientation	Left or Right
Platform	Windows, Mac and Linux
Protection rating	IP68 (fully tested to resist dust and dirt and can fully submersed in water to a depth of 1.5m for 30mins)
Compliant standards	CE / FCC / RoHS / IP68
Warranty	12 months
Operating temperature	0°C ~ 55°C

*Specifications subject to change without notice.



Sealed operation
Both mouse buttons and the scroll wheel are completely sealed underneath the soft waterproof coating leaving no traps for dirt or water ingress.



Fully submersible
Easy cleaning is achieved by wiping the surface over with alcohol wipes. But, if a deep clean is required, then the unit can be submersed in water or cleaner if necessary.



Fully waterproof
The mouse can be fully immersed in water or disinfectant to ensure thoroughly cleaning.

*See pages 102/3 for detailed information on cleaning chemicals and procedures.



Soft silicone encasing
Our beautifully tactile soft rubber coating not only ensures zero liquid enters the electronics inside, but it also extremely comfortable to hold and use.

THE FREEWAY EASY ROLL-OUT

From pallet to switching on, in under 5 minutes.

We pride ourselves in this unique delivery service, where an iWOW® can be unboxed and commissioned in less time than it takes to make a cup of tea!

Our iWOW®'s come pre-built, pre-cabled and with all IT accessories pre-installed where applicable. There's no need for the hospital's in-house IT or engineers to setup any equipment before installing their software and licenses.

Furthermore, we use around 75% less packaging than other manufacturers and take all of what is used, away with us upon completion of the 'easy roll-out'.

Protected ✓

All iWOWs are delivered by our own transport and decanted by our own staff. This ensures a seamless process between our factory and the customer which leads to less damage and/or delays.



Pre-built ✓

iWOWs arrive fully built and with only minor elements of protective packaging in place for transit.



Pre-cabled ✓

All necessary cabling is installed at the factory leaving no room for error on-site.

It may seem like a trivial element, but anecdotally, this really does save time and costly errors compared with it being done on-site when often being rushed.



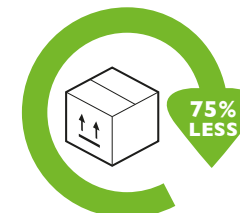
IT Pre-installed ✓

All accessory equipment can be pre-installed ready to go ensuring commissioning the iWOW® is a very quick process.



Less packaging ✓ More recycling ✓

We strive to be greener and forward-thinking regards our packaging, which is why we use much less than other manufacturers with similar products. We also take away and re-use, where possible, the protective transit packaging.



Dedicated transport ✓

The customer can always be safe in the knowledge that their new equipment will arrive undamaged.



PRODUCT CLEANING AND USE OF

How often can I clean my iWOW®?

You can clean your medical grade cart and Monitor as often as required. All health care institutions will have a recommended minimum frequency for routine cleaning of various items within their facility. This may be weekly, daily or after each use depending on the risk

involved. Please refer to the table opposite for all safe-use chemicals.



Cleaning the Freeway Med-Tech Medical Grade Monitors and AIO PCs for better infection control

Step 1. Freeway Med-Tech recommend the use of healthcare disposable alcohol based anti-bacterial wipes only on the electrical equipment (approx. 70% alcohol) – such as commonly used Clinell Green Wipes.

Step 2. It is recommended wiping from the front of the screen first in a top to bottom motion and then finish across the bottom (the front panel is IP65 Rated). This methodology is designed to minimise the amount of streaking on the screen and reduce excess moisture collecting on the lower front screen bezel, reducing the risk of moisture entering via the lower I/O, remembering to clean the lower OSD keys in the lower right hand corner. After the front Screen has been cleaned, dispose of this wipe.

Step 3. With a fresh Wipe, clean the rear of the AIO PC (the rear panel is IPX2 rated). To clean the screen of AIO PC for general house keeping - use either a microfibre cloth with an alcohol based cleaning spray (approx. 70% alcohol) or disposable alcohol based cloth.



All monitor/AIO front panels are IP65 Rated

INDUSTRY CHEMICALS

Suitable Cleaning Chemicals

Given the vast range of cleaning products on the market, it is not possible to list all acceptable brands. We can however, confirm that our products are compatible with cleaning products containing the following chemicals or are from popular cleaning brands. Should you require confirmation of suitable products that are not listed, please contact us with the relevant product data sheet and we will confirm suitability with our in-house specialist.

Cleaner	Brand
Viraguard®	Veridien
Sani-Cloth® HB	PDI
Sani-Cloth® PLUS	PDI
Super Sani-Cloth®	PDI
CaviWipes™	Metrex
Super HDQ®L 10	Spartan
Cloro-Wipe Towelette	Surgipath
Healthcare Hydrogen Peroxide Wipes	Clorox Healthcare®
Virex®	Johnson
70% Isopropyl Alcohol	Multiple suppliers
Alcohol Prep Pads	PDI, others

Suitable generic chemicals:

- Alcohol (Ethyl or Isopropyl) Solutions*
- Alcohol Wipes (Ethyl or Isopropyl)*
- Hydrogen Peroxide Solutions*

Cleaning procedure for nylon modified polyester coated surfaces:

- Painted surfaces should be cleaned using a soft damp non abrasive cloth and polished dry
- Continual exposure to wet conditions is likely to result in rusting/or the paint lifting.
ALWAYS DRY THE SURFACE AFTER CLEANING
- Continual use of cleaning products may result in a dulling of the surface.
- DO NOT use solvents, bleach, abrasives, synthetic detergents, wax polishes or aerosol sprays unless otherwise listed in the above list.



*Solutions must ALWAYS be diluted in accordance the with manufacturer's instructions for use on medical products/furniture.

*The application of the cleaning solution MUST be in accordance the with manufacturer's instructions for use on medical products/furniture.

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