

PHILIPS

IntelliVue

MX550
Patient Monitor

Built for your peace of mind

Philips IntelliVue MX550 Patient Monitor





One intuitive view at the point of care

Having comprehensive patient information at a glance can make a real difference when multiple patients and priorities demand your attention. For higher acuity patients, this means you need to monitor more parameters. The IntelliVue MX550 can provide you with a wide range of vital parameters, and present them alongside data from other bedside devices and even from other information systems – such as laboratory results.

Advanced clinical solutions such as Horizon Trends and Event Surveillance help you make sense of the large quantities of data at a glance. Whether you are in the ICU, OR, or on a sub-acute floor, we have built the MX550 with a battery back up to give you additional monitoring confidence. If your facility is subject to power outages, the MX550 continues monitoring uninterrupted.

In situations where there are frequent non-actionable alarms, the optional Alarm Advisor provides proactive suggestions for deploying alarm management strategies, or to personalize alarm thresholds depending on the patient's condition (according to hospital-defined guidance).

And to help you extract the maximum from these features and functions, we offer a range of clinical services that support you at every stage of your technology journey – building up the knowledge, education and skills of your clinical teams.



See it **clearly and quickly**

It is important to find what you need right away. The 15" touchscreen of the IntelliVue MX550 makes it easy. You will also recognize the familiar, easy-to-use interface, common throughout the IntelliVue monitoring portfolio. This consistency makes training and use as simple as possible.



Whether you are examining the patient in a brightly lit environment or allowing the patient to rest with room lights dimmed, you won't have to adjust the monitor's display brightness. The display, with its ambient light sensor, automatically adjusts screen brightness to maintain readability in nearly any lighting environment.

The monitor also has built-in Advanced Clinical Solutions that provide tools to summarize and visualize complex clinical data and their interactions. Multiple streams of information come together in one, intuitive view.



Ambient light adjustment is just part of why the IntelliVue MX550 is an excellent solution for critical care settings and the OR. In the OR, for example, the display automatically adapts to lights being dimmed or brightened during different stages of surgery, reducing overall light pollution.



Addressing the **changing needs** of healthcare

Like all clinicians you rely on accurate, real-time physiological patient data when making decisions. In the dynamic, demanding environment of today's healthcare, the scope of that data is constantly evolving. The return on your hospital's considerable investment in an EMR relies on sharing data between clinical information systems, helping to contribute to the comprehensive availability of that data.

Make the most of your EMR

The IntelliVue MX550 works to enhance your investment by helping reduce cost and complexity when connecting bedside devices to your EMR. If you are using the optional IntelliVue XDS software, you can even view the patient monitor remotely, while accessing the patient's record simultaneously on the EMR.

The optional IntelliBridge device interfacing on the IntelliVue MX550 provides efficient points of interfacing¹ for ventilators and many other devices at the bedside and during in-hospital transport². Clinical data from the monitor and other linked bedside devices are combined into a single HL7 message stream. Even alarm strips

captured as electronic documents during in-hospital transport can be reviewed and transferred using a document import interface provided by the EMR.

Robust cybersecurity measures

With healthcare becoming a prime target for malicious actors, IntelliVue patient monitors and Philips Information Center iX allow your institution to configure cybersecurity measures such as node authentication, network data encryption, print report encryption and device file system encryption.

Smooth integration into your IT infrastructure

As part of achieving compliance with security and data transfer requirements, it is important to integrate the IntelliVue MX550 smoothly into your IT infrastructure. Our IT services can support you in completing this integration efficiently and successfully. And our extensive network assessment capabilities – encompassing proactive recommendations and validation checks – can help you to improve network performance, a vital element in keeping your monitoring system running smoothly.

Fit monitoring around workflows

Today your workflows need to adapt in the blink of an eye. The IntelliVue MX550 is scalable to cover most critical care monitoring requirements as patient acuity levels change. It supports IntelliVue multi-measurement modules (such as the IntelliVue X3) and extension modules.

Diversity of measurements

If you are in a perioperative environment, you can use the IntelliVue MX550 to include anesthesia gases, and bispectral index and neuromuscular transmission measurements in your monitoring. If you are in a critical care unit, it can provide you with a comprehensive view of the patient status including continuous cardiac output, venous oxygen saturation, or 12-lead ST monitoring (with full or reduced leadsets). And for neonatal patients, you can supplement your monitoring with dual pulse oximetry, transcutaneous gas monitoring, and low flow end tidal CO₂ measurements.

The MX550 also supports the “silent ICU” by allowing different levels of alarm sound at the bedside and remotely. For example, the monitor could be silent, allowing the patient to rest uninterrupted, while a remote alarm device outside the room could alert caregivers. And for those occasions when you are not making decisions at the point of care or a central station, you can view the monitor remotely from your PC workstation, using the optional IntelliVue XDS software. In such cases, you can even choose to have your EMR and other applications receive the patient context from the monitor³.



Supporting your infection-control protocols

We've engineered the IntelliVue MX550 with infection control in mind. It is simple to clean because of the smooth surfaces, minimal seams, and sturdy material approved for use with a variety of tested disinfecting agents.⁴

As with all IntelliVue monitors, this monitor has no hard drive and uses passive cooling. That means no fan blades that are likely to accumulate and distribute pathogens, helping you in your battle against hospital acquired infections.





Comprehensive solutions that deliver more than the sum of their parts



Pairing equipment with the right value-added services helps you get more from your systems across their lifecycle. And we're not talking about simple break-fix support. Philips Customer Services encompass so much more. We can help you with implementation, project management, optimizing your care environment, maintaining your systems and extracting the full value of your equipment throughout the lifecycle.

Partnering with you

We deliver comprehensive, tailored offerings that take into account your specific needs. We take a holistic approach, working with you to suggest solutions that complement your facility, your monitoring landscape, and your strategic aims. How? By partnering with you every step of the way to find answers to the challenges you're facing. And by seamlessly connecting your people, processes, technology and data – helping to make them work better together.



¹ Requires IntelliBridge interface port(s). You can use any combination of IntelliBridge EC10 modules or expansion boards, for a total of up to two device interfaces. For device compatibility, refer to latest IntelliBridge EC10 external device compatibility list.

² Wireless data transfer to EMR via Philips IntelliVue Information Center (PIIC) or Philips IntelliVue Information Center iX (PIC iX). Use in transport is only possible with third-party devices that can also be used for transport.

³ For EMRs that can launch applications using shortcuts, and that can supply the bed label or some other ID to the XDS application.

⁴ Refer to the IntelliVue Patient Monitoring Instructions for Use for a detailed list of approved cleaning agents.