

mindray

BeneVision VMAX/V700/V500/V200

Patient Monitor

See Beyond Your Vision



reddot winner 2025



www.mindray.com

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mindray
healthcare within reach

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Innovation with Compassion: Seeing Beyond Your Vision

In today's fast-evolving field of precision medicine, the demand for comprehensive patient data in clinical care continues to grow. Traditional monitoring with a single device can no longer meet the complex needs of patient care. Meanwhile, an aging population and strained healthcare resources, coupled with variability in clinical expertise, heighten challenges in ensuring timely detection of critical changes in patient conditions.

In clinical settings, patient monitors have long been an integral part of daily healthcare workflows, serving as indispensable bedside assistants. As AI-driven innovation transforms industries worldwide, this wave of technology is now reshaping patient monitoring, going beyond traditional boundaries and unlocking new possibilities.

The future of patient monitoring should evolve from relying solely on high-precision data from individual devices to a multimodal, integrated bedside ecosystem. This will empower clinicians to access comprehensive diagnostic insights right by the patient's side, streamlining decision-making and enhancing care quality.

Patient monitoring is expected to move from passive observation to intelligent early warning systems, enabling clinicians to detect subtle signs of deterioration directly at the bedside-before conditions become critical.

Patient monitoring should shift from a sole focus on functionality to embrace human-centred design and exceptional user experiences, providing efficient, comfortable and safe care for both healthcare providers and patients-infusing bedside care with additional compassion.

Your Attentive Companion Within Reach

Ultimate Visual Experience



Ultra-HD Display

VMAX: 4K UHD capacitive screen (3840x2400) maximised screen-to-body ratio with only 12mm bezels.



Adjustable Tilt Angle

V700/V500: 10° screen angle adjustment, ensuring optimal visibility and comfort.



360° Visible Alarm Lights

When critical alarms are triggered, the alarm light is visible from any angle, enhancing patient safety.

Intuitive Interaction, Effortless Control

The BeneVision V Series provides a smart interface experience that meets the demands of the modern age. Easily customise the layout of the waveform and numeric display areas, as well as the quick key area, with one-finger drag-and-drop. Adjust the amplitude of parameter waveforms with pinch-to-zoom for maximum clinical efficiency. Complete the IBP waveform overlap operation by dragging and dropping the target IBP waveforms, and remove the overlap with one click. This significantly boosts clinical efficiency.



Change the waveforms layout



Switch the quick keys position



Adjust the amplitude of waveforms



Smart Voice Control for Hands-Free Nursing

Frequent monitoring tasks during patient care can be completed hands-free with simple voice commands, empowering nurses to focus on delivering exceptional care.



Start BP Zero Art Zero CVP
Alarm Reset Alarm Pause Blood Pressure Trends
For more, please say "Voice Commands"

Bedside Wireless Ecosystem: Your Smart Ally in Critical Care

Equipped with Bluetooth, NFC and Wi-Fi 6 technologies, the BeneVision V Series delivers flexible and reliable connectivity. As the first in the industry to utilize Wi-Fi 6 technology, it enables real-time transmission of high-definition echo images, breaking device boundaries and ensuring instant information access.

Wireless Extended Display Technology frees up your field of vision, catering to diverse observational needs across clinical roles.

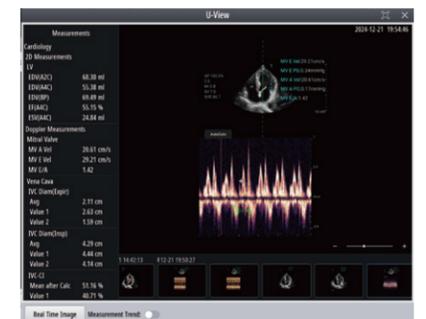


Ultrasound Integration: See the Full Hemodynamic Picture

TE Air (i3P) handheld ultrasound screening allows real-time casting of echo images to the V Series, expanding visibility from small to large screens for clearer demonstrations.



The V Series enables retrospective reviews of historical POC ultrasound images at the bedside via the U-View tool on CMS, eliminating reliance on memory or printed reports for tracking disease progression.



On HemoSight, ultrasound hemodynamic parameters are aligned with vital signs from the patient monitor for synchronised display, review, and storage.

Ultrasound Integration allows clinicians to assess hemodynamic changes and achieve a comprehensive assessment of patient volume responsiveness.



Comprehensive Parameter Monitoring

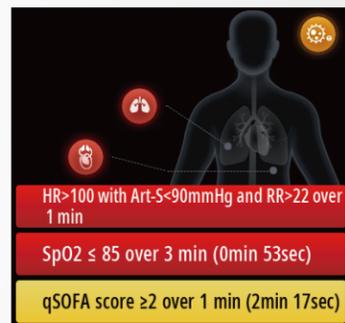
Mindray is dedicated to delivering exceptional and comprehensive monitoring technology that clinicians trust for decision-making. The BeneVision V Series offers industry-leading physiological parameter monitoring across all major physiological systems, with modules and accessories fully compatible with BeneVision N series monitors.

 Nervous System EEG/aEEG BIS/BISx4 NMT	 Respiratory System Resp CO ₂ AG RM VCO ₂ RQ EE	 Circulatory System ECG SpO ₂ IBP/NIBP ICP PiCCO FloTrac C.O. ICG Temp rSO ₂ CQI
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Act Ahead of the Curve

Guided by expert consensus, clinical guidelines, and quality control standards, the iAlarm system uses distinctive alerts to highlight potential patient deterioration, enabling early clinical action.

- Offers system-specific insights into abnormal conditions.
- Pre-configured with 14 combined alarms across the circulatory, respiratory, ECG, neurological, and infectious domains.
- Features customisable alarm settings for clinical flexibility.



Professional Clinical Assistive Applications

Combining extensive vital signs data with clinical expertise and Mindray's advanced analytics, the BeneVision V Series delivers powerful CAA to support efficient decision-making in critical moments. Each CAAs focuses on major clinical workflow challenges faced by individual departments.



SepsisSight™

HemoSight™

NeuroSight™

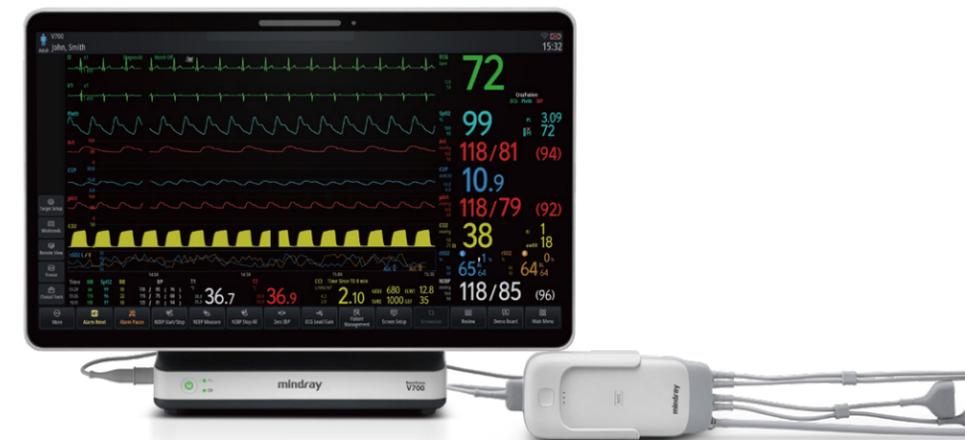
BoA Dashboard™



Care for Every Individual in Critical Care

The MRV Pod is the industry's first full-parameter, wireless, cable-lite solution, designed to meet the vital signs monitoring needs of critical care patients.

- 3/5/12-lead ECG
- RESP
- Mindray/Nellcor/Masimo SpO₂
- NIBP
- 2-ch IBP
- 2-ch Temp





IT Structure Designed for Connectivity

Seamless Transport, Protecting Every Moment

The MRV Pod and Mindray N1 transport patient monitor form a smooth, efficient transport solution. Its cable-lite design provides stable vital signs monitoring while minimising device accessory management during patient transfer.



Empowering Critical Care Recovery, Liberating Patients

The MRV Pod frees critical patients from bedside cables, enabling earlier ambulation under continuous vital signs monitoring. It streamlines rehabilitation workflows in critical care to accelerate patient recovery.

Safe CT Exams for Critical Patients

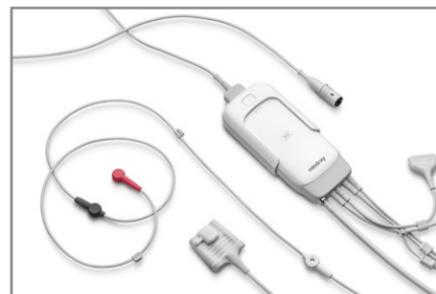
During CT exams, the MRV Pod's wireless communication with the N1 transport monitor allows doctors to remotely monitor vital signs and initiate NIBP measurements if needed, ensuring patient safety throughout the procedure.



MRV pod

Simplified Clinical Care, Efficiency at Every Step

The MRV Pod reduces bedside cable length by 40% and cuts cable management time by up to 30%, significantly easing nursing workloads during daily care and patient transport.



Seamless Integration, Secure IT Adaptation

- The monitoring network with the BeneVision Central Station seamlessly adapts to existing hospital systems.
- Supporting DNS and DHCP, it can scale to a large network of up to 3,000 beds.
- Integration with EMR, HIS, and CIS is achieved via eGateway or built-in HL7 protocols.
- Mindray ensures data security with multi-layered protection, from access control to encrypted transmission and data integrity.

