

BeneFusion nSP/nVP/nDS

Infusion System

Smart touch, Safe medication



www.mindray.com

P/N:ENG-BeneFusion nSP/nVP/nDS-210285X12P-20200717

©2020 Shenzhen Mindray Bio-Medical Electronics Co.,Ltd. All rights reserved.

mindray

healthcare within reach





7" full-size touchscreen
bringing a brand new user experience

See-through window design
easy to clean and observe syringe status

Intuitive UI design
80% operation can be done on the main interface.

Premium material
supports up to 49 disinfectants

Touch the flexibility

Extraordinary touch experience

BeneFusion n Series features a full-size color touchscreen that comes with an intuitive UI to provide an extraordinary interactive experience as never before.

- 7-inch HD capacitive touchscreen makes the interaction as smooth as using smart devices in your daily life.
- The intuitive UI facilitates an easy operation by presenting critical parameters with an elegant layout.



All in one

BeneFusion nSP and nVP are versatile enough to integrate all functions to satisfy a variety of clinical purposes.



Flexible docking solution

BeneFusion nDS is flexible enough to provide a comprehensive solution for a variety of infusion scenarios.

- Tool-free modular design enables easier expansion of slots from 2 to 24 pumps
- BeneFusion tDS transfer docking station enables simple and efficient patient transfers



One-handed plug and play

Smooth and easy slot-in loading of pumps into the docking station.

Automatic multi -channel relay

Circular and customized relay together guarantee a stable drug-administering process.

Dedicated to safety

Innovative technologies ensures safe medication

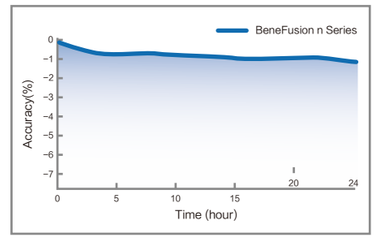
SmartRapid™

SmartRapid™ ensures timely infusion by significantly shortening the start-up time, from turning on the pump to delivering the first drop of medication.

Turn On	Syringe Loading	First Drop Delivery
2s	**4s**	**3s**

Precise and consistent performance

- Rivalled accuracy: **nSP ≤±1.8%; nVP ≤±5%**
- Flow rate initiates as precise as 0.01ml/h
- Compatible syringes as small as 1ml

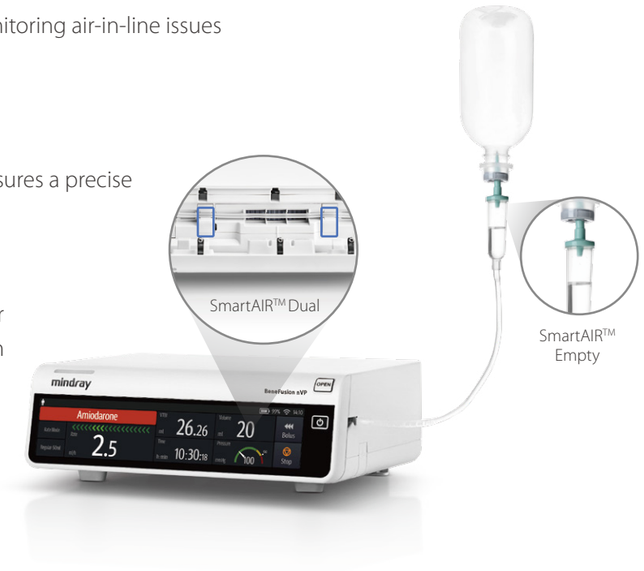


SmartAIR™

SmartAIR™ enhances the overall safety by monitoring air-in-line issues when administering infusion to a patient.

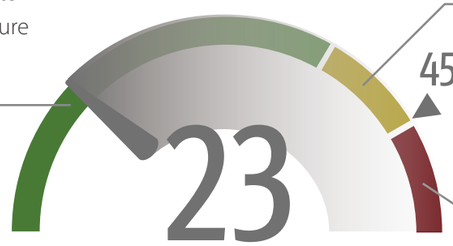
SmartAIR™ Dual
Dual-sensor design of air bubble detection ensures a precise air-in-line alarm.

SmartAIR™ Empty
The innovative mechanism of empty container detection ensures timely awareness of infusion completion without any accessory.



Dynamic Pressure System (DPS)

Speedometer style indicator with numerical pressure to monitor the in-line pressure trend just with a glance.

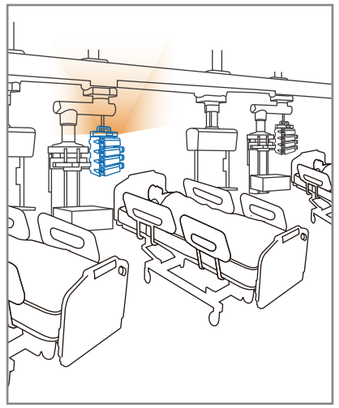


Alert with a visual message about the possible occlusion before interrupting the infusion.

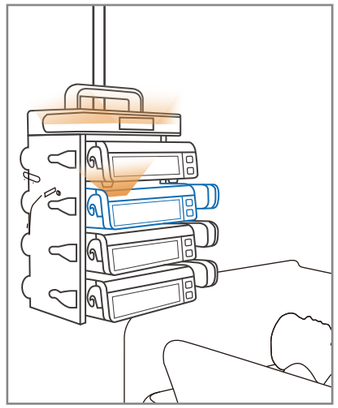
Auto-attempting mechanism enables infusion resume as early as possible to ensure continuous infusion.

Guided Alarm Management

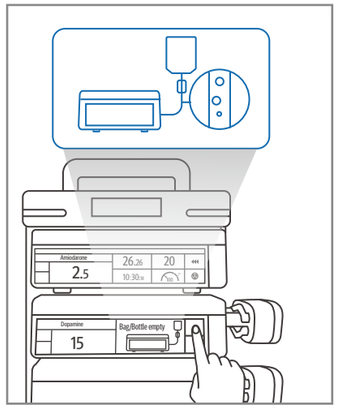
The highly visible alarm management enables users to fast locate and solve the problem.



Fast location of the bedside alarm with 270° visible alarm light on the BeneFusion nDS from a distance.



Fast location of the pump with an audible and visual alarm on BeneFusion nSP/nVP at bedside.



Fast location of the problem with an instructional animation displayed on the pump to aid problem resolution



Managing drugs safely throughout the infusion

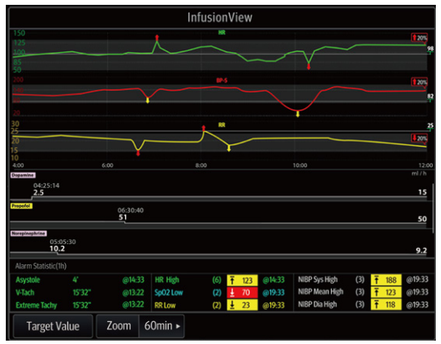
Color-coding system

- The color coding of drug name assists users to easily select and verify the correct drug.
- SafeDose™ Info software enables programming infusion parameters automatically to enhance efficiency.



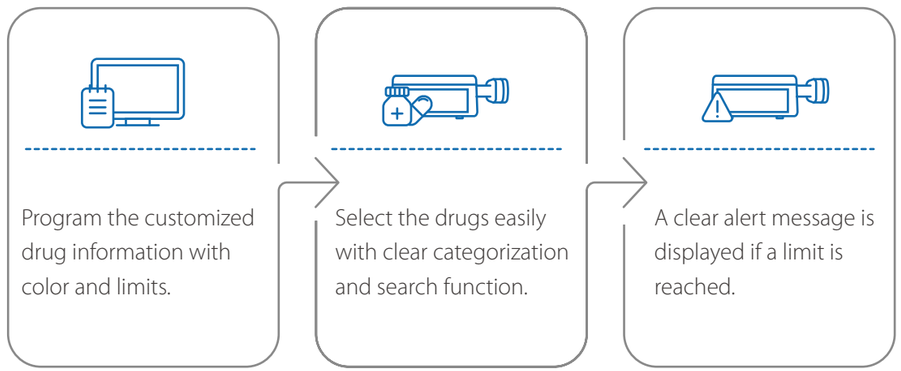
InfusionView™

- Vital sign trend and alarm statistics align with the infusion information to provide a comprehensive understanding of a patient's condition.
- Guides users with the appropriate dose of drug when adjusting the infusion treatment.
- Assists users to optimize with more precise prescription by reviewing previous treatment up to 24h.



SafeDose™ DERS

The SafeDose™ DERS helps to reduce drug errors by preventing users from exceeding pre-set hard limits, and by requiring confirmation to override soft limits.





Easy maintenance

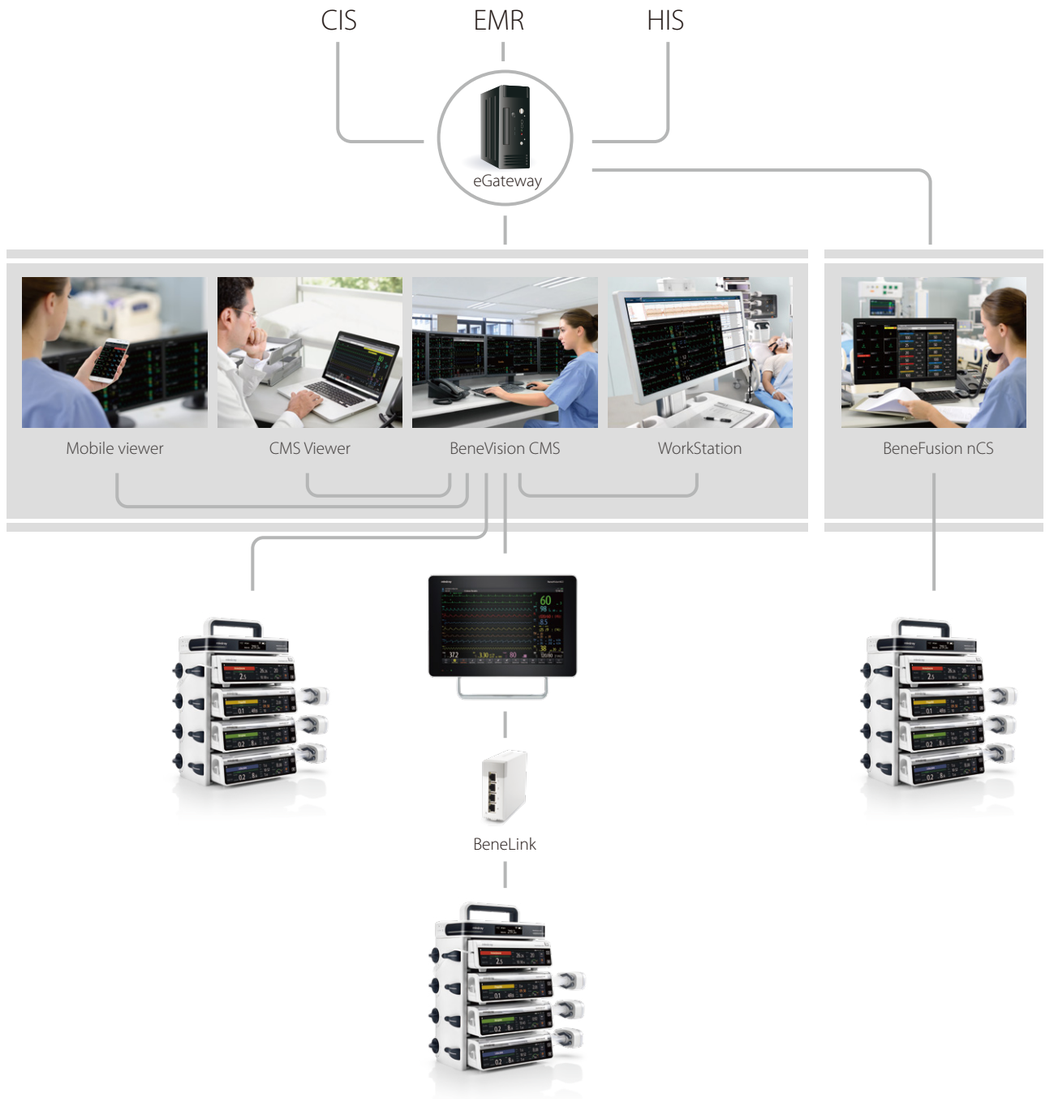
- Manufacturing consistency establishes the foundation for easy maintenance
- Save plenty of time for BMEs with pre-configured consumables
- Simplify set calibration by uploading and distributing data easily



Connected synergy

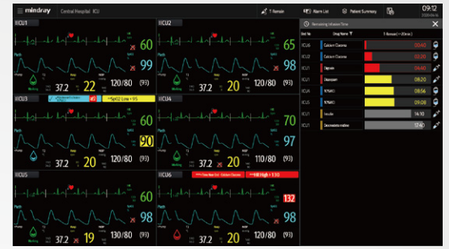
Centralized data management

- Able to monitor up to 72 nDS simultaneously
- Able to obtain infusion and alarm information anywhere at anytime
- Access to HIS/CIS/EMR through HL7 protocol



Integrated central monitoring

BeneVision™ CMS offers one-stop monitoring of all patients' vital sign and infusion treatment details, providing comprehensive information for clinical workers to improve the quality of patient care.



Closed-loop medication management

Assists clinical staff to reduce medication errors with barcode scanner by aligning prescription automatically, enhancing the work-flow efficiency.



