

S10/S12

Compact Patient Monitor

Future Healthcare Technology



The S series patient monitor is based on Biolight's 27 years of experience in the design and manufacture of world-class and innovative medical devices, inspired by the needs of the hospital.

Concise and ergonomic product design with new software architecture and cutting-edge technology, the S series monitor changes the way medical staff work and meet clinical demand.



Meticulous Design

The ergonomic appearance makes it convenient for the users to operate and observe.

Portable design with concealed handle.

Highly efficient capacitive touch screen with HD visual experience.

Operates with seamless gestures, making it easy and simple to navigate between screens.

Integrated seamless full front panel.



Display layout can be changed
with simple swipe gestures



Adjust brightness automatically
based on ambient light



Fanless design
reduces the risk of cross-contamination



Battery life up to 8 hours

Integrated Accessory Storage

Equipped with a convenient easy to access accessory storage space.



Various Mounting Solutions

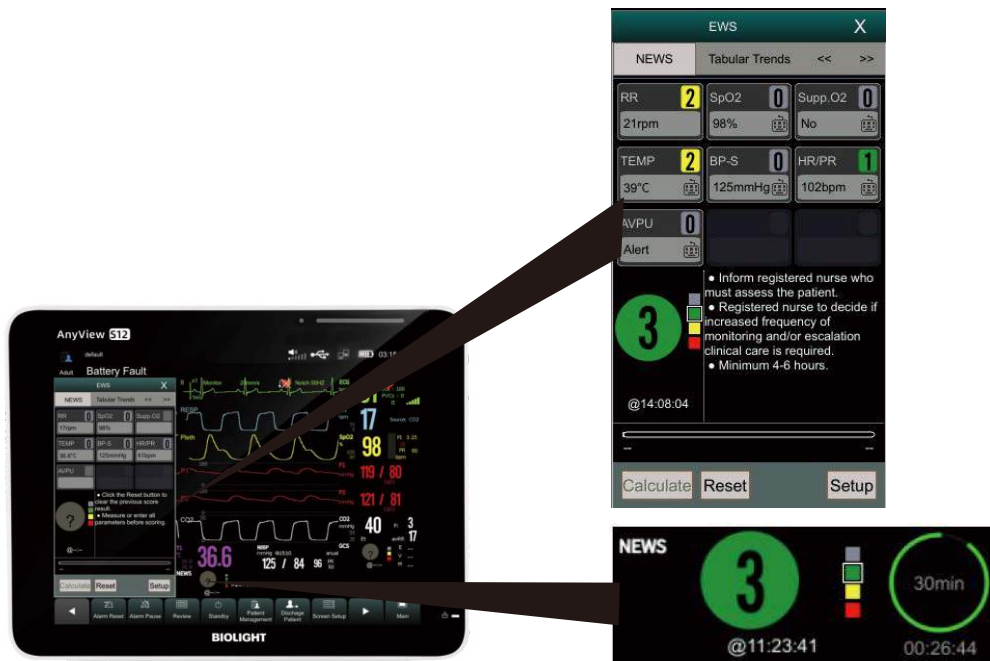
A wide range of mounting solutions to accommodate various clinical needs.

By pulling the release bolt, our monitor can be quickly removed from the wall mount or trolley for transportation.



EWS (Early Warning Scoring)

Biolight EWS in S series monitors is a physiological scoring system for patient assessment: respiratory rate, heart rate, systolic blood pressure, oxygen saturation, level-of-consciousness and body temperature. EWS is used to detect changes in a patients condition, and alert the practitioner should a rapid response or early intervention be required, preventing critical events before they occur.



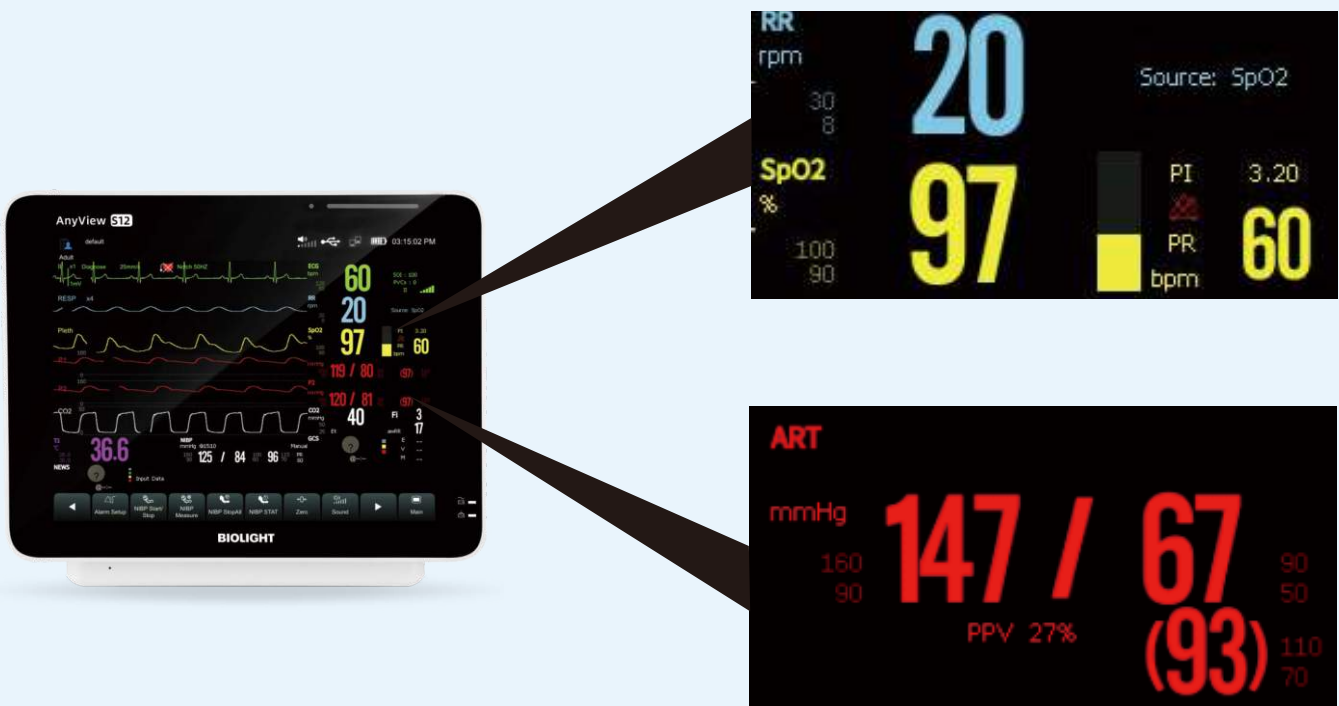
GCS (Glasgow Coma Scale)

GCS is a neurological scale that aims to give a reliable and objective way of recording the state of a person's level-of-consciousness for initial as well as subsequent assessment.



Respiration Rate (from the Pleth)

Pulse oximetry is the most commonly used continuous non-invasive measurement. Now with our new innovative algorithm, Biolight SPO2 technology can provide additional Respiration Rate. This will facilitate early recognition of deteriorating patient conditions. This can reduce the consumption of disposable accessories, and save valuable time for the medical staff.



PPV (Pulse Pressure Variation)

PPV is a reflection of cardiopulmonary interactions. As a patient breathes, both spontaneously and with mechanical ventilation, the cardiac output varies. Using this, clinicians can take advantage of the common arterial line tracing to assess a patient's volume responsiveness.

Unique Drip Monitor

This Unique Drip Monitor (DM) module, monitors the infusion drop rate, alarms for infusion completion, and also stops infusion functions when the vacolitre is empty.



The DM module can monitor the drop rate continuously during the infusion. When the infusion is completed, the module will clamp the infusion tube in order to avoid blood reflux.



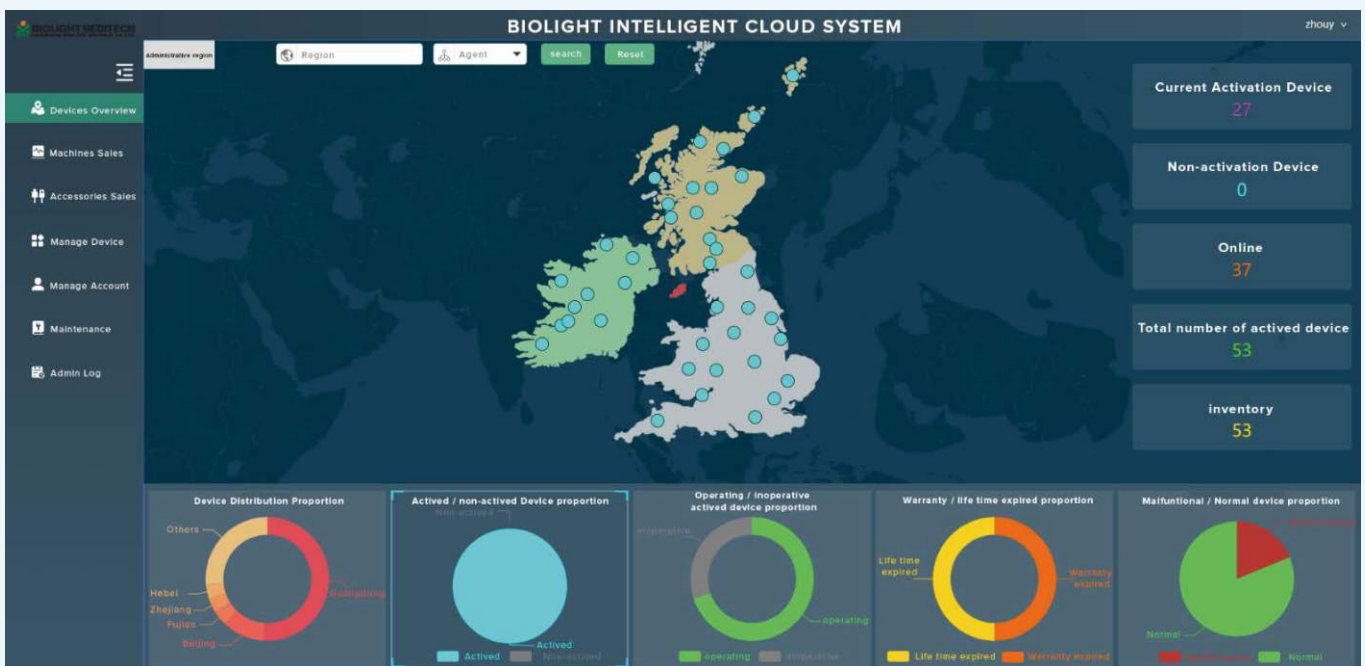
Intelligent Automatic Speech Recognition

The innovative auto speech recognition module implements voice interaction with the patient monitor. ASR significantly improves the work efficiency of the medical workers, particularly in the operating room.



IOT (Internet of Things) Cloud Platform

The IOT module can automatically upload the device operating information to the cloud through a 2G/4G cellular network. The engineer can ascertain the working condition of the monitors and determine any abnormal situation. Action can be taken before the fault affects the safety of the patient. It can also remind the engineer that accessories have reached their expiry date, providing thorough after-sales service to customers.



Standard configuration :

3/5/6 lead ECG, HR, Resp, SpO2, PI, RR(from pleth), NIBP, 2-Temp, Capacitive Touch Screen, Rechargeable Li-ion battery (2.5Ah).

Option :

Drip monitor(DM), 12 lead ECG, Rolling stand, Wall mount, nurse call / defibrillation sync. / analog output, VGA output, Thermal Printer, Rechargeable Li-ion battery (5Ah).

S12 only: 2-IBP, C.O., Mainstream/Microflow EtCO2.

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*Specifications subject to change without prior notice,
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