

Standard configuration:

S10/S12: Touch screen, SPO2, TEMP, Dual-TEMP (S12 only), PR, RESP, NIBP, ECG 3/5/6 leads.

Optional:

S10: Rechargeable lithium battery (5Ah), printer, WiFi, DM

S12: Rechargeable lithium battery (5Ah), printer, WiFi, 3in1 (VGA output / nurse call / synchronized defibrillation), 12-lead ECG, Mainstream/Microflow EtCO2, 2-IBP, C.O. with 2-PPI,

DM, voice assistant

Others: Roll Stand, Wall Mount.

S10/S12

Compact patient monitor

Technology for the health of the future



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The S series patient monitor is based on Biolight's 27 years of experience in designing and manufacturing innovative medical devices, inspired by hospital needs. Concise and ergonomic in design with new software architecture and cutting-edge technology, the S-Series monitor changes the way medical staff work by meeting clinical demands.



Meticulous User-Based Design

Ergonomic appearance is convenient for users to operate and watch. Portable design with hidden handle.

High efficiency capacitive touch screen with HD visual experience

Opera with gestures, easy and

simple Integrated full front panel without gaps, easy to clean.



Screen layout can be changed with simple swipe gestures



Automatically adjusts brightness based on ambient light



fanless design
Reduces the risk of cross contamination.



Battery life up to 8 hours

accessory storage

Equipped with the accessory box, it is more convenient for medical personnel to store and take out accessories.



Various mounting solutions

Wide range of mounting solutions to suit various clinical needs. Just by pulling the release bolt, the monitor can be quickly detached from the wall mount or roll stand.



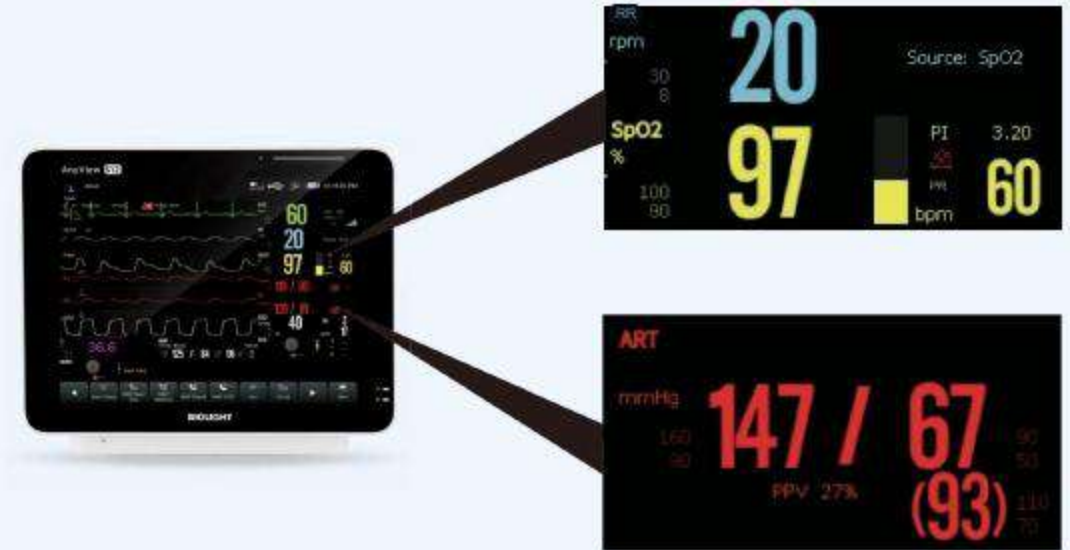
Early Warning Scale (EWS)

EWS in Biolight S series patient monitor, is a patient physiological scoring system to assess respiratory rate, heart rate, systolic blood pressure, level of consciousness, body temperature, etc. EWS can detect changes in a patient's vital signs, so the team can quickly notice and intervene early to prevent critical events.



Respiratory rate (of Pleth)

Pulse oximetry is the most common non-invasive continuous measurement. Now with the innovative algorithm, BIOLIGHT SpO2 technology can also provide respiratory rate. This can facilitate early recognition of deteriorating patient conditions, helping to reduce rescue interventions. It can also reduce the consumption of disposable accessories and save valuable time for medical personnel.



Glasgow Scale (GCS)

GCS is a neurological scale that is intended to provide a reliable and objective way of recording a person's state of consciousness for initial and subsequent assessment.



Pulse Pressure Variation (PPV)

PPV is a reflection of cardiopulmonary interactions. As a patient breathes, both spontaneously and on mechanical ventilation, cardiac output varies. The more cardiac output varies, the more likely the patient will respond to a fluid bolus with increased cardiac output. With this simple principle, clinicians can take advantage of it by looking at the arterial line to assess volume responsiveness.

Drip monitor (DM)

S series integrates drip monitor with module(DM), it can realize infusion drip rate monitoring, infusion completion alarm and stop infusion functions.



The DM module can control the drip rate all the time during infusion. When the infusion is complete, the module will clamp the infusion tube to prevent blood reflux.



Intelligent automatic speech recognition

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



Cloud platform (IOT - Internet of Things)

The IOT module can automatically upload device operation information to the clouds via 2G/4G cellular network. The engineer can know the working status of the monitors and know the abnormal situation. They can act before failure to ensure patient safety. It can also remind the engineer that the accessory is reaching its expiration date, providing comprehensive after-sale service to customers.

