



reddot design award
winner 2021



S12 Patient Monitor

- ✓ 12.1" inch full capacitive touchscreen.
- ✓ Optional Mainstream/Microflow CO2, C.O. IBP measurement configuration.
- ✓ Cutting-edge scoring systems with Early warning scores and Glasgow Coma scales.
- ✓ New and humanized multi-lead switching and analysis functions increase efficiency.
- ✓ Brand new software architecture gives a quick response and smoother operation.

S10 Patient Monitor

- ✓ 10.4" inch HD LED capacitive touch screen, support gesture operation
- ✓ Large-capacity storage box, which makes accessory management simple and efficient
- ✓ The expansion interface has a dust-proof cover, easy to clean
- ✓ Optional intelligent infusion monitoring module to improve the safety of infusion monitoring
- ✓ Large-capacity data storage function, support external USB storage devices
- ✓ Low power consumption, fanless design.

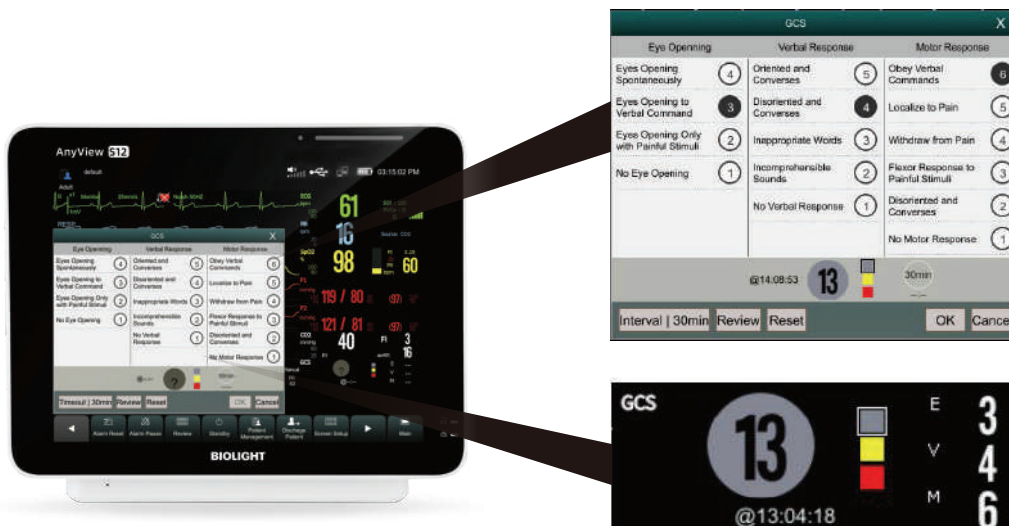
EWS (Early Warning Scoring)

Biolight's EWS in S series monitor is a physiologic scoring system for patient assessment- respiratory rate, heart rate, systolic blood pressure, level-of-consciousness, body temperature, etc. EWS can detect changes in a patient's vital signs, thereby, the rapid response teams can quickly notice and the early intervention can prevent critical events before they happen.



GCS(Glasgow Coma Scale)

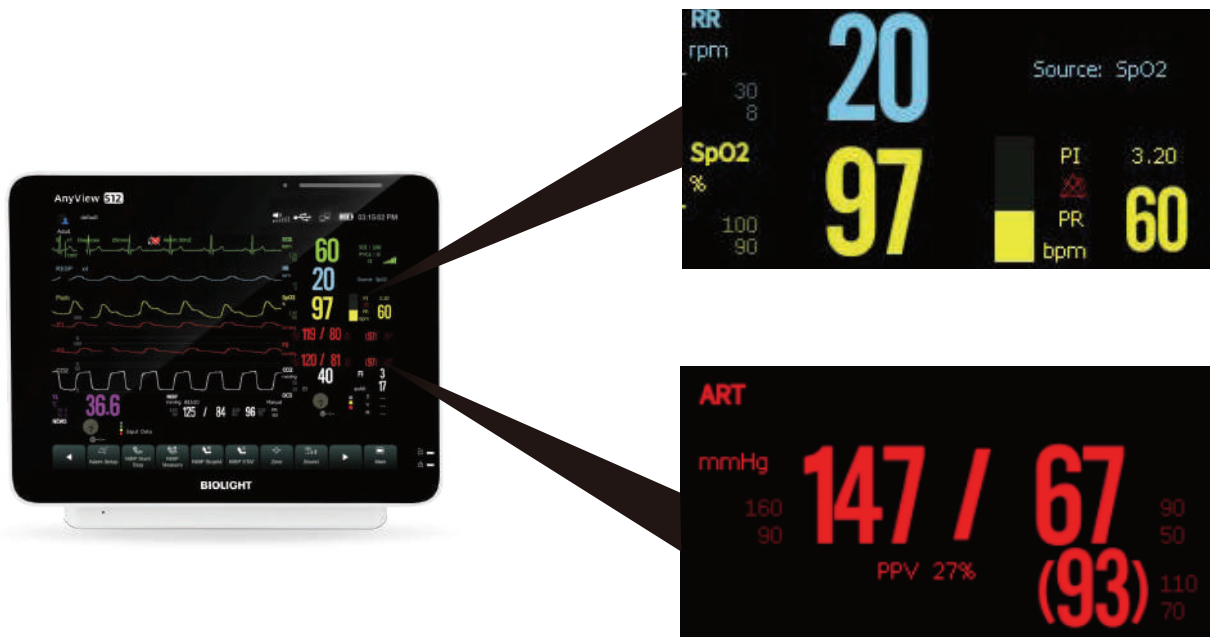
GCS is a neurological scale that aims to give a reliable and objective way of recording the state of a person's consciousness for initial as well as subsequent assessment.



S12

Respiration Rate (from the Pleth)

Pulse oximetry is the most commonly used continuous noninvasive measurement. Now with our innovative algorithm, Biolight's SPO2 technology can provide additional Respiration Rate. It can facilitate early recognition of deteriorating patient conditions leading to fewer rescue interventions. It also can reduce the consumption of disposable accessories, save valuable time for medical staff.

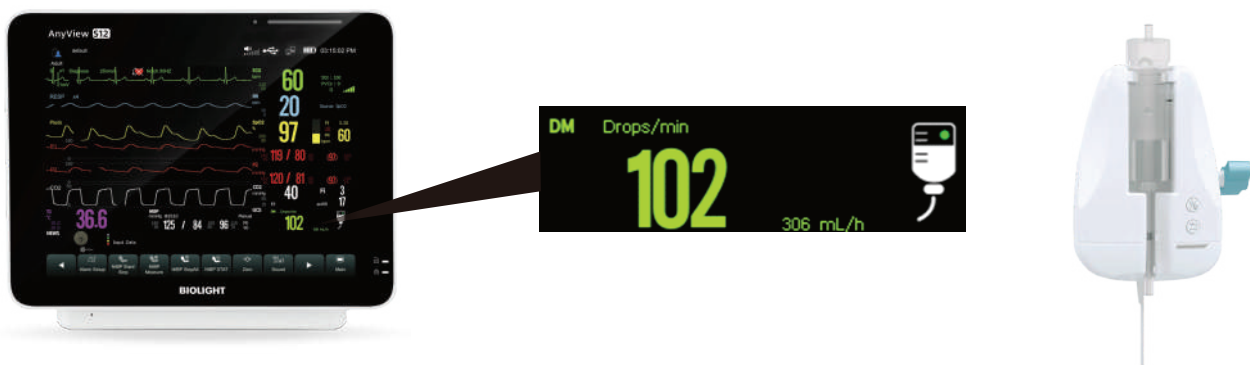


PPV (Pulse Pressure Variation)

PPV is a reflection of cardiopulmonary interactions. As a patient breathes, both spontaneously and with mechanical ventilation, the cardiac output varies. The more the cardiac output varies with respirations, the more likely that patient is to respond to a fluid bolus with an increase in cardiac output. Using this simple principle, clinicians can take advantage of the common arterial line tracing to assess a patient's volume responsiveness.

Drip Monitor

S series integrates the Drip Monitor (DM) module, which can realize the monitoring of infusion drip rate, alarm of infusion completion, and stop infusion functions.



The DM module can monitor the drip rate all the time during the infusion. When the infusion is completed, the module will clamp up the infusion tube in order to avoid the blood reflux.

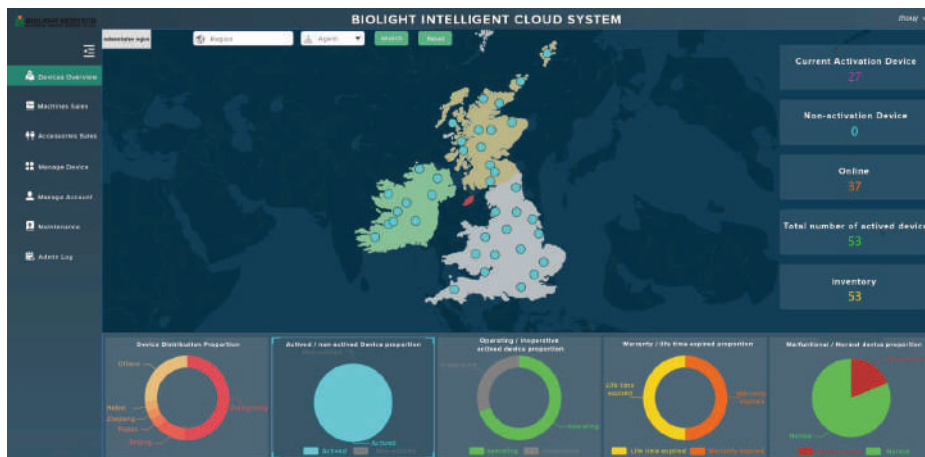
Intelligent Automatic Speech Recognition

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 Operation Room.



IOT (Internet of Things) Cloud Platform

IOT module can automatically upload the device operating information to the clouds through a 2G/4G cellular network. The engineer can get hold of the working condition of the monitors and know the abnormal situation. They can take action before the fault in order to ensure the safety of the patient. It also can remind the engineer that the accessory reaches its expiry date, providing a thorough after-sales service to the 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.