K12 pro/K15 pro/K18 pro

Patient Monitor

Contact Us

Designed for Critical Care Monitoring

During covid-19, the critical care demand is immense in hospitals, especially for patient monitoring. By meeting these challenges today, we have launched the advanced monitoring solution K pro series and aim to provide better care for the patient.

The K pro Series is Designed for Critical Care Monitoring and Able to Meet Different Demands

For operation, we have upgraded all K series monitors to capacitive screens. Besides, the user interface has been renewed from tip to toe.

Furthermore, monitoring parameters have been improved and extended.

For helping clinicians to make informed decisions, we have added various Clinical Assistive Applications.

Regarding connectivity, K pro series supports both wired and wireless connection with STAR8800 and HIS (HL7). The integration with other medical device is also available by K pro series.

Keeping Ease In Demanding Conditions

Effective and Clear

Capacitive screen design can help clinicians complete the monitoring settings effectively.

Furthermore, the new design has greatly reduced reflection of ambient light and maintain the clarity of patients' vital signs.

Regarding the screen functionality, the K pro series is also equipped with an automatic brightness adjustment to satisfy various ambient light requirements in operating rooms.

Intuitive User Interface Design

AAA level

The contrast between the parameter colors and background colors exceeds 7:1, meeting the contrast enhancement requirements(AAA level) of WCAG 2.0.

WYSIWYG

The selected content could be highlighted to make it more intuitive, thus preventing maloperation.

Tabs

Extensive use of horizontal and vertical tabs, which could display more content in the same area.

Flexible

The hidden part could be viewed simply by swiping up and down or left and right on the capacitive touch screen.

Ergonomics

The design of the functional icons is guided by ergonomics to help clinical practitioners operate more efficiently on the touch screen.

Mind Every Subtle Change

Innovative Advancements to Gain Deeper Clinical Insights

ECG

27 ARR analysis classifications:

An arrhythmia is a problem with the rate

QT, QTc, ΔQTc :

An abnormally long or short QT interval is

NIBP

Sequence Measurement Mode:

In the sequence mode, the NIBP

or rhythm of your heartbeat. To ensure the accurate and comprehensive monitoring, Comen K pro series provide up to 27 classifications.

6-lead ECG:

For providing more comprehensive ECG measurement solutions, K pro series have added new optional 6-lead ECG measurement.

associated with an increased risk of developing abnormal heart rhythms and sudden cardiac death.

24 hours ECG Summary

Including:Heart rate statistics, Statistics of arrhythmia events, QT/QTc measurement value statistics, ST maximum and minimum statistics for each lead, Pace statistics, Typical ECG waveform.

measurements are automatically taken in the user- defined sequence, which allows you to set up different measurement intervals.

Integration of Advanced Parameters

To satisfy immense clinical demands, K pro series have greatly extended our advanced monitoring parameters.

BIS Module

Provide referable values of patient's consciousness in anesthesia including BIS SR EMG SQI, with Covidien Module.

ICG Module

A non-invasive way to continuously monitor cardiac output by means of Impedance Cardiogram.

CO Module

An invasive way to monitor cardiac output by inserting Swan Ganz Catheter into right atrium which could provide non-continuous but direct data.

RSO2 Module

A non-invasive technology using near-infrared spectroscopy (nirs) to monitor regional cerebral tissue oxygen saturation (rsO2), which is widely applied in neonatology, anesthesiology, neurology, and cardiac surgery.

Masimo Rainbow SET Module

Compatible with Masimo accessories to enable medical practitioners to non-invasively monitor hemoglobin (SpHb®), carboxyhemoglobin (SpCO®), methemoglobin (SpMet®), oxygen content (SpOC™), oxygen saturation (SpO2), pulse rate (PR), perfusion index (Pi), and pleth variability index (PVi®).

RM Module

Including a set of respiration-related parameters to help clinicians detect, diagnose and treat respiratory diseases. Apnea Wakeup: A function to effectively reduce medical accidents led by apnea.

NMT Module

Refers to the transfer of an impulse between a nerve and a muscle in the neuromuscular junction, which is used during general anesthesia to enable endotracheal intubation and to provide the surgeon with optimal working conditions.

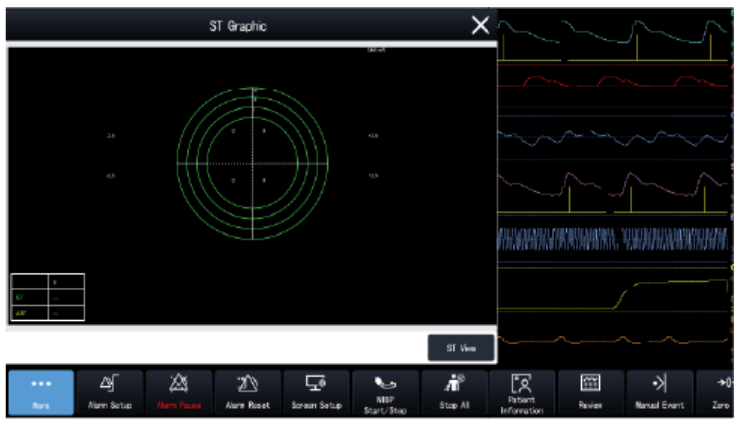
Sedline Module

A patient-connected, 4-channel processed electroencephalograph (EEG) monitor designed specifically for intraoperative or intensive care use. It displays electrode status, EEG waveforms and Density Spectral Array (DSA).

Making Informed Decision

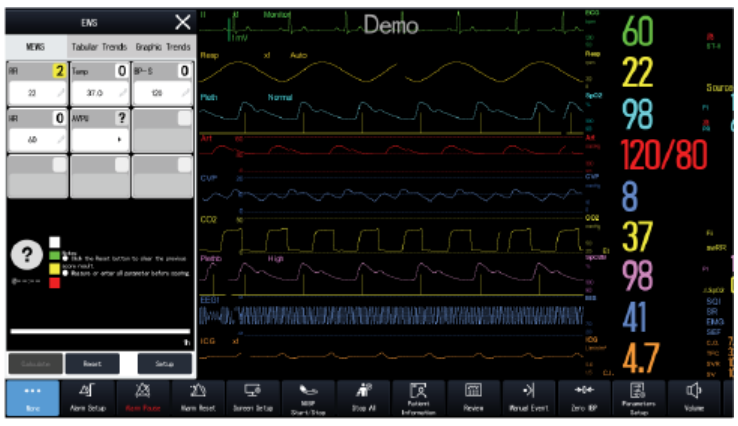
Clinical Assistive Applications

To improve the efficiency and accuracy of clinical diagnosis, Comen integrates multiple clinical assistive applications with the K pro series for optimizing clinical workflow.



ST Graphic：

Helps clinicians to quickly assess ST segment elevations and depressions.



EWS：

Early Warning Score helps to recognize patients whose physiological conditions are at risk of deterioration.

SepsisSight:

Provides a checklist to help clinicians screen, diagnose and treat septic patients according to the SSC guidelines.

GCS：

Glasgow Coma Scale. Records the consciousness level of patients for initial as well as subsequent assessments.

Improving Clinical Workflow

Seamless Clinical Data Transmission

With K1, the transportation patient monitor, the K pro series is versatile and flexible in different clinical scenarios.

Emergency Department:

After the pre-hospital transportation, the K1 can be plugged into the K pro series in Emergency Department and proceed the patient data transmission, which considerably improves the effectiveness for acute care.

Operating Room:

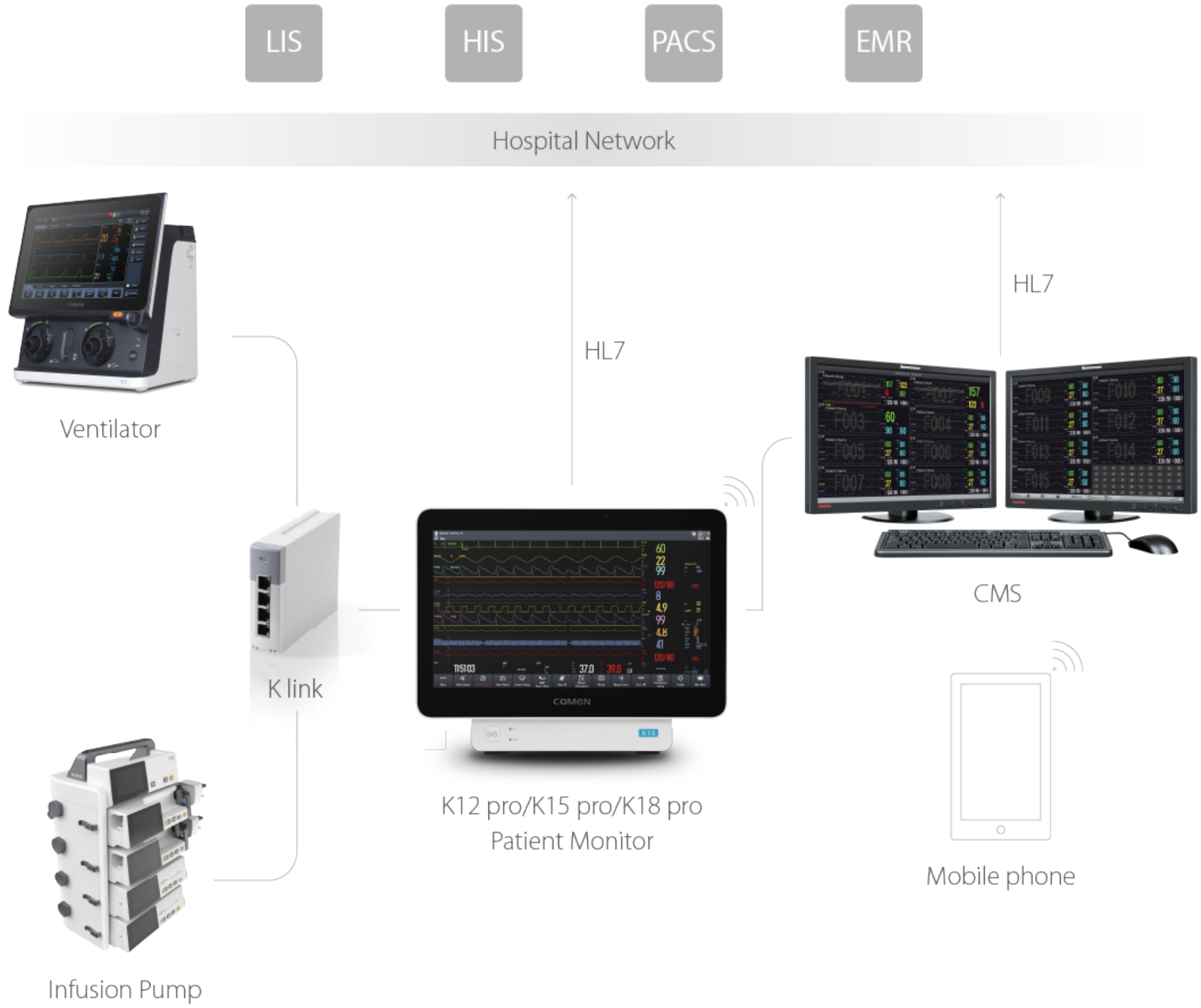
After the acute care, if the patient is under a severe situation, then he/she will be transferred to operating room. In this process, with K1, the patient's data can be seamlessly transmitted to the K pro series.

Intensive Care Unit:

After the surgery, the patient will be transferred to Intensive Care Unit in which K1 can continue its monitoring work and transmit the patient's data to the K pro series.

Connectivity and Integration

For satisfying the clinical demand of data transmission with hospital information system (HIS), Comen K1 and K pro series have upgraded its data transmission regarding the HL7 protocol. It supports both direct and indirect connection with HIS and transmit the data including patient information, alarm information, parameters as well as waveforms to HIS.



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