

## Intuitive operation design

Alarm indicator light for observation with 360°view, automatic visible and audible alarm, suitable for any perspective;

Support patient demographic management and configuration management;



Environment light sensor, screen brightness auto-adjustment, save power consumption and reduce the influence of bright light on the patients;

3 channel built-in recorder optional, automatically record of alarm events to ensure the integrity of the monitoring data;

Support rotate, keys and touch screen operation, suitable for all types of operating requirements;

- Wireless and wired network;
- Other bed observation, facilitate patients monitoring of the hospital workers;
- Fanless design, avoid cross contamination on laminar, supreme quiet;
- Support external printers(A4 paper), 12 leads ECG waveforms printing;
- 48h all disclosure waveforms review, monitoring records browse and review function;

Screen 10.4 inches

Size 265mm×227mm×141mm

Weight 2.8 kg

### Standard Configuration

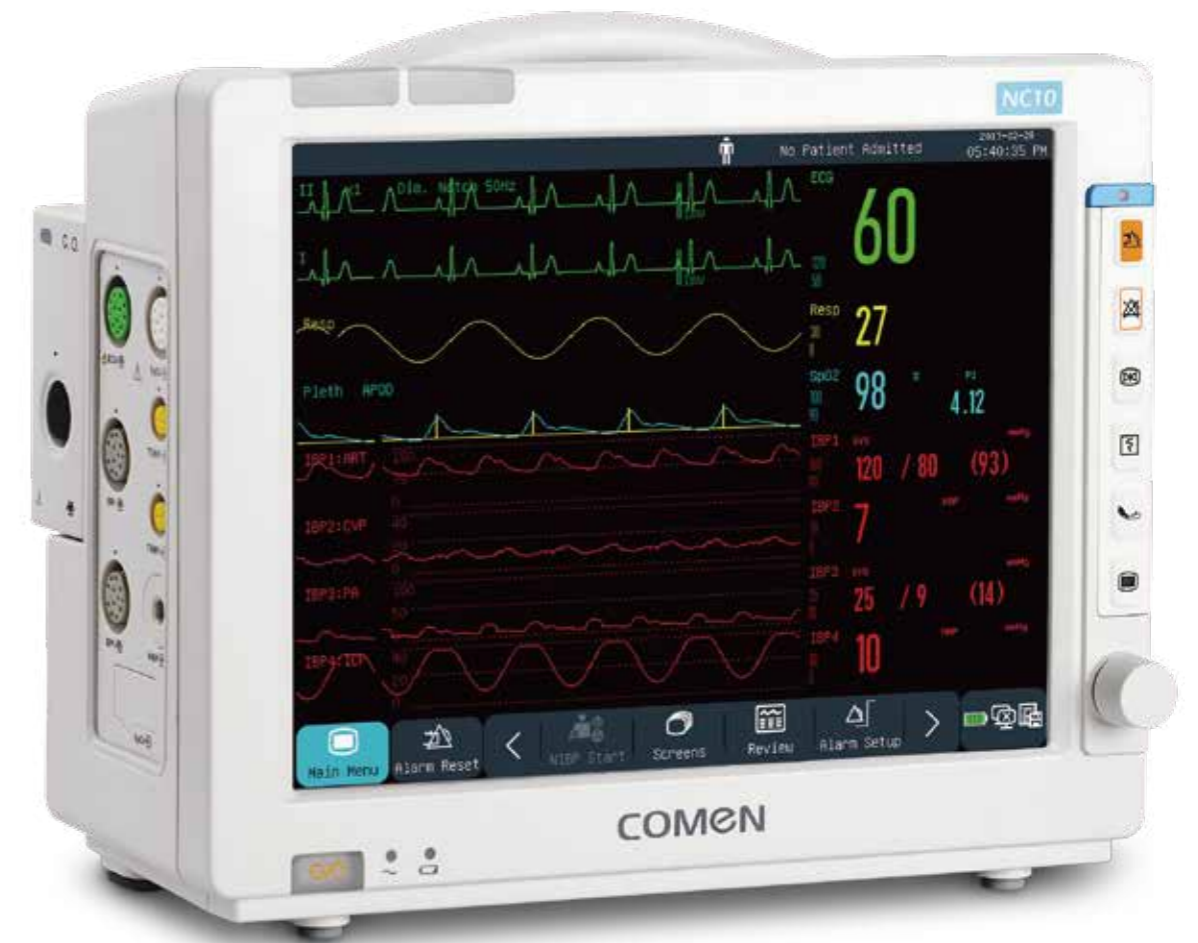
NC8: 5 leads ECG RESP SpO<sub>2</sub> PR NIBP Li-ion battery  
 NC10: 5 leads ECG RESP SpO<sub>2</sub> PR NIBP Li-ion battery  
 NC12: 5 leads ECG RESP SpO<sub>2</sub> PR NIBP Li-ion battery

### Optional Configuration

NC8: 3/12 leads ECG Thermal Recorder IBP EtCO<sub>2</sub> C.O. AG BIS TEMP Masimo SpO<sub>2</sub> Nellcor SpO<sub>2</sub>  
 NC10: 3/12 leads ECG Thermal Recorder IBP EtCO<sub>2</sub> C.O. AG BIS TEMP Masimo SpO<sub>2</sub> Nellcor SpO<sub>2</sub>  
 NC12: 3/12 leads ECG Thermal Recorder IBP EtCO<sub>2</sub> C.O. AG BIS TEMP Masimo SpO<sub>2</sub> Nellcor SpO<sub>2</sub>



# COMEN



## NC10 Patient Monitor

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# Evolution of Semi-modular Patient Monitor

Simple, reliable, multi-functional remain to be keywords of bed-side patient monitor. Being focused on these keywords, Comen NC Series patient monitor is created to serve bed-side monitoring with a smarter idea: Semi-modular.

It is lighter, smarter, more powerful, and even more beautiful, than ever.

Be Perfect both Internally and Externally-Internal Part

## A Brand-New Smarter "Mind"

New core chip is designed for Comen NC series patient monitor. It is assembled with integrated analog front end (ASIC) chip instead of the traditional components. The ASIC chip was designed exclusively for the ECG measurement of monitoring and diagnostic.



## Clean and Quiet – Benefit of NC Series passive-cooling design

It is better to eradicate the fan so as to get rid of the impact on the laminar flow environment in the wards. Due to gas exchange from internal and external of the monitors through the cooling fan, both bacteria and viruses are easy to accumulate in the monitor and therefore caused cross contamination. Traditional monitors adopted big size mental heat sink to solve this issue; however it is not the prime solution. From the perspective of reducing the power consumption, Comen's NC series radically get it solved.

During the process of R&D, our engineers found 4 major reasons that cause high power consumption, they are low power conversion efficiency, high power consumption on main board, ECG board and screen. Aimed at solving those problems, Comen's NC series are changed with a new power conversion IC to improved 10% of its efficiency. Adding overvoltage and overcurrent protection to make the unit more safety and reliable. With more efficient power management system, the power consumption on main board was reduced by 40%. What's more, its standby current was decreased from 1.2mA to less than 200uA; therefore standby time of the battery was extended.

Reducing power consumption also brings a variety of benefits: fanless design, long life time of battery, strong anti-aging ability of the components, long life time and stable performance of the products, meanwhile, the whole unit is smaller and more delicate.

Be Perfect both Internally and Externally-External Part

For the convenience and utility of clinical usage, we seek for innovation wholeheartedly

## Flexible Modular and Comprehensive Care Options

The new generation of Comen's semi-modular monitors offers the most commonly used parameters, including ECG, NIBP, SpO<sub>2</sub>, RESP, TEMP and dual IBP. With its modular design, it is able to be equipped with modules based on clinical needs. Alternative usage of the modules makes the clinical work more convenient and efficient.



EtCO<sub>2</sub> Display

EtCO<sub>2</sub> : Respironics / Phasein Sidestream / Mainstream module optional.



IBP Display

IBP

4-channel IBP modules, 4 waveforms and 4 groups of numerical parameters display.



C.O. Display

C.O.

Adopt conventional thermodilution invasively measure and calculate the cardiac output and other hemodynamic parameters.

