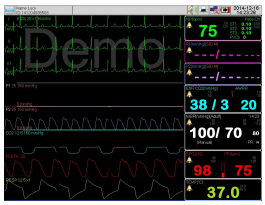
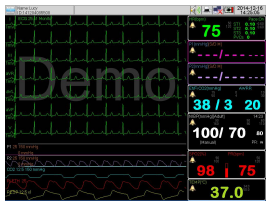
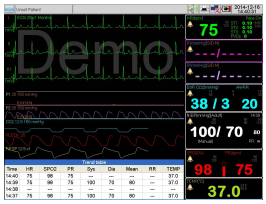


Standard Display

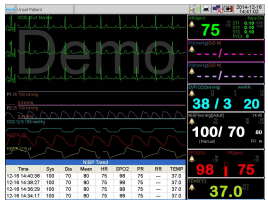
Big Font Display



ECG Full Lead



Trend Table



NIBP Review

Oxy CRG

Features

Core

- Newly advanced A9 main board with Linux OS
- Support **storage** of 2160 hours trend table and graph review, 2 hours waveform review, 2000 groups NIBP review and 2000 alarm events review

Body

- **12.1 inches** high-brightness TFT **LED**
- Support display **9~13 waveforms**
- Support **7 channel** ECG waveform display simultaneous
- Optional **HDMI** output

Printer

- Built-in high-speed 50mm thermal printer

Central System

- Wired or wireless connection

Alarm

- Three-level acousto-optic alarm
- Sensor-off alarm
- Paper out alarm
- Support alarm review
- Support alarm pause

Linux OS

- Support **operation with USB mouse and computer keyboard (option)**
- **Multi-display mode**
- **NIBP self-test mode**
- Support **medical history search** by patient ID, name an mobile number
- 13 types of **Arrhythmia analysis** and **real-time S-T** segment analysis and **pacemaker detection**
- **Drug calculation** and **titration table**
- **Multi-language** display
- **Online software upgrading** by net/USB

Pro-6 Multi-parameter Patient Monitor (12.1 inches)

- Release 1.0

Model Configuration

Standard Configuration:	12.1-inch LED, 3/5 Lead ECG, NIBP, SpO2, Pulse Rate, Temperature, Respiration
Optional Configuration:	2-Temperature, 1/2 IBP, Digital SpO2, Perfusion Index (PI), Laser Printer Interface
Optional Accessories:	Touch Screen, Printer, Central Monitoring Station, Neo/Ped Accessories, Wall-mounting, Trolley

Performance Specifications

Dimension and Weight

- Dimension: 375mm*330mm*180mm
- Weight: 3.4kg (excluding accessories)

Power Supply

- Voltage: AC100～240V, 50/60HZ, Power≤60W

Display

- 12.1" color TFT LED resolution: 800*600 pixels

Battery

- Type: Rechargeable lithium battery 12V/2200mAh
- Charge Cycle: ≥500 times
- Working time: 2 hours

Recorder (Option)

- Method: Thermal printer
- Paper width: 50 mm (1.97 in)
- Printing speed: 12.5/ 25/ 50 mm/s
- Trace: Max. 3 tracks
- Recording way: Real-time Recording, Review Printing, Periodic Recording, Alarm Recording

Alarm

- Level: Low, medium and high
- Indication: Auditory and visual
- Alarm volume adjustable
- Alarm pause time: 1min, 2min
- Parameter alarm type: Latch/ Unlatch

Input Device

- Standard: Knob /Keypress
- Option: USB Mouse / USB Keyboard / Touch screen

System Output & Extensible Interface

- Ethernet Network: standard RJ45 socket * 1pc
- USB Port: 1pc
- Video Output: HDMI port (option) * 1pc

Operating Environment

- Temperature: 5 ~ 40 ℃
- Humidity: 15% ~ 90% (non-condensing)
- Atmosphere pressure: 86 KPa ~ 110 KPa

Transportation and Storage

- Temperature: -20～50 ℃
- Humidity: 10%～90% (non-condensing)
- Atmosphere pressure: 86 KPa ~ 110 KPa

Safety

- IEC60601-1 Approved, CE marking according to MDD93/42/EEC
- With reference to RoHS Directive 2011/65/EU recasting

Trend & Reviewing

- Trend: 2160 hours
- ARR events: 128 groups of ARR events and associated waveform
- NIBP measurement reviewing: 2000 groups
- Waveform review: 2 hours
- Alarm event: 2000 groups of parameter alarms events and associated parameter

SpO2

- Measurement Range: 0 ~ 100 %
- Resolution: 1 %
- Accuracy: ±2% (70% ~ 100%)
  ±3 % (40% ~ 69%)
  Unspecified (0 ~ 39%)
- Support Pitch tone and multi-level volume
- User-selectable waveform speed:
  6.25, 12.5, 25, 50 mm/s
- PI range (Option)：0.075%-20%

Pulse Rate

- Measuring and Alarm Range: 20~250bpm
- Accuracy: ±1% or ±1 bpm, whichever is greater
- Resolution: 1bpm

Respiration

- Method: Impedance between RA-LL, RA-LA
- Gain: ×0.25, ×0.50, ×1, ×2, ×4
- Respiration Rate: 0bpm, 6 ~ 150 BrPM
- Sweep speed: 6.25 mm/s, 12.5 mm/s, 25mm/s
- Resolution: 1 BrPM
  Accuracy:
  ±2BrPM or ±2% whichever is greater (7~150BrPM)
  Unspecified (0%~ 6BrPM
- Apnea Alarm: 10 ~ 40 s

Temperature

- Technique: Thermistor probe (2.25K)
- Channel: Dual-channel, provide T1; T2; ΔT
- Measuring and Alarm Range: 0.0 ℃~ 50 ℃ (32℉~ 122℉)
- Unit: Celsius (℃), Fahrenheit (℉)
- Resolution: 0.1℃or 1℉
- Accuracy: ±0.1℃(exclusive probe)

ECG

- Lead mode: 3/5 Leads, I, II, III or I, II, III, AVR, AVL, AVF V
- Protection: Breakdown Voltage 4000VAC 50/60Hz; Defibrillator proof
- Gain: 2.5mm/mV(×0.25), 5.0mm/mV(×0.5), 10mm/mV (×1), 20mm/mV (×2), 40 mm/ mV (×4), Auto
- Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
- ECG signal range: ±5 mV p-p
- Accuracy: ±1bpm/ ±1%, whichever is greater
- Resolution: 1 bpm
- Leakage Current < 10 μA
- Baseline Recovery:
  ≤ 3s after defibrillation (Monitor mode)
  ≤ 1s after defibrillation (Surgery mode)
- Bandwidth: Surgery 1 ~ 20 Hz
  Monitor 0.5 ~ 40 Hz
  Diagnostic 0.05 ~ 130 Hz
- Indication of Electrode Separation: Every electrode (exclusive of RL)

Heart Rate

- Measure range: Adult: 15 ~ 300 bpm
  Neo/Ped: 15 ~ 350 bpm
- Resolution: 1 bpm
- Accuracy: ± 1%

ST Measurement

- Range: -2.0 ~ +2.0 mV
- Accuracy: -0.8mV～+0.8mV: ±0.02mV or ±10%, whichever is greater
- Other range: unspecified
- Resolution: 0.01mV

NIBP

- Method: Oscillometric
- Measure mode: Manual, Auto, STAT
- Measure Interval in AUTO Mode 1~480 min
- STAT mode cycle time: Keep 5 minutes, at 5 seconds interval
- Measure and Alarm Range:
  Adult: SYS: 40 ~ 280 mmHg
  DIA: 10 ~ 220 mmHg
  MEAN: 20 ~ 240 mmHg
  Pediatric: SYS: 40 ~ 220 mmHg
  DIA: 10 ~ 160 mmHg
  MEAN: 20 ~ 170 mmHg
  Neonate: SYS: 30 ~ 135 mmHg
  DIA: 10 ~ 110 mmHg
  MEAN: 20 ~ 110 mmHg
- Static pressure accuracy: ±3mmHg
- Resolution: 1mmHg
- Accuracy: Maximum Mean error ±5mmHg
  Maximum Standard deviation ≤8mmHg
- Over pressure Protection: Dual protection via software & hardware

EtCO2 (Mainstream/ Sidestream) (Option)

- Measure method: Non-dispersive infrared (NDIR)
- Measure Range: 0 ~19.7% (0 ~ 150 mmHg)
  0 ~ 20 kPa
- Resolution: 0.1 mmHg
- CO2 Accuracy:
  0 ~ 40 mmHg, ±2 mmHg
  41 ~ 70 mmHg, ±5% of reading
  71 ~ 100 mmHg, ±8% of reading
  101~ 150 mmHg, ±10% of reading
  at 760 mmHg, ambient temperature of 25℃)
- Respiratory Rate: Range: 3 ~150 BrPM
  Accuracy: ±1 bpm

EtCO2 (Micro-stream) (Option)

- Measure method: Non-dispersive infrared (NDIR)
- Measure Range: 0 ~19.7% (0 ~150 mmHg)
  0 ~ 20 kPa
- Sample Rate: 50 mL/min ±10mL/min
- Resolution: 0.1 mmHg (0 ~ 50 mmHg)
  0.25 mmHg (50 ~ 114 mmHg)
- CO2 Accuracy: 0 ~ 40 mmHg, ±2 mmHg
  41 ~ 70 mmHg, ±5% of reading
  71 ~ 100 mmHg, ±8% of reading
  101~ 150 mmHg, ±10% of reading
  at 760 mmHg, ambient temperature of 35℃)
- Respiratory Rate: Range: 3 ~120 BrPM
  Accuracy: ±1 bpm

IBP (Option)

- Max Channel: 2
- Measurement way: Thermal resistance way
- Press Sensor: Sensitivity 5 uV/V/mmHg, ±2%
  Impedance 300 to 3000Ω
- Resolution: 1 mmHg
- Unit: mmKg, kPa, cmH2O
- Transducer sites:
  Arterial Pressure (ART)
  Pulmonary Arterial (PA)
  Left Arterial (LAP)
  Right Arterial (RAP)
  Central Venous Pressure (CVP)
  Intracranial Pressure (ICP)
  P1/ P2
- Measuring and alarm range:
  ART 0 ~ +350mmHg
  PA -10 ~ +120 mmHg
  CVP/ RAP/ LAP/ ICP -10 ~ +40 mmHg
  P1/ P2 -50 ~ +350mmHg
- Accuracy:
  Static: ±1mmHg or ±2%, whichever is greater (exclusive of transducer)
  ±4mmHg or ±4%, whichever is greater (inclusive of transducer)
  Dynamic: ±4mmHg or ±4%, whichever is greater

** Specifications subject to change without prior notice*