

# BioVision Central Monitoring System

## PATIENT MONITORING SOLUTIONS

- ◆ Centralised monitoring of vital signs information
- ◆ Wired or Wireless connectivity
- ◆ HL7 connectivity as standard
- ◆ Supports up to four screens
- ◆ Up to 64 beds monitored

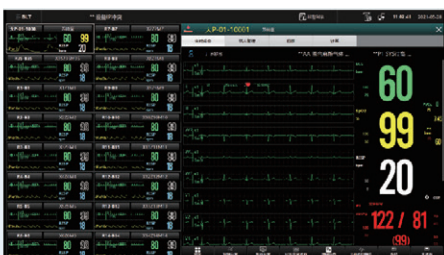


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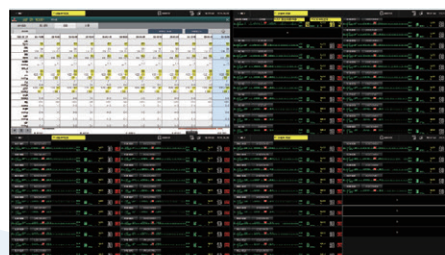


## The features and options you need

- 1 Supports up to 4 screens with 3 operation modes (Night, Privacy and Standby)
- 2 ViewBed, Multi-bed, 8 Hour Dynamic Mini-trends, ECG, OxyCRG and Big Numerics screen display modes
- 3 Support up to 64 beds/monitors
- 4 HL7 connectivity as standard
- 5 Wired and wireless connections
- 6 Large capacity data review with 240 hours full disclosure, 240 hours trend data, 720 C.O. and 1000 NIBP measurement results
- 7 Up to 1000 alarm events and at least 300 historical patient management data
- 8 Data reports function including ST/QT (real-time), ST (Review) and 24-hour ECG summary
- 9 Multiple language options



1 ECG full display (single screen)



2 Review screen (4 screens)



3 ECG screen (4 screens)

## Configuration

Items	Requirements
Operating System	Windows 7/10/Server 32 bit/64 bit
Recommended Configuration	<ul style="list-style-type: none"> <li>• CPU: Intel i7 10th Gen</li> <li>• Memory: 16 GB</li> <li>• Hard disk: 1 TB (SSD) or above, supporting dual hard disk data redundancy</li> <li>• Integrated graphics: can be extended to dual screen</li> <li>• Audio: Built-in speaker</li> <li>• Network cards: 100 M (or above) or self-adapting, Ethernet 802.3</li> <li>• USB Port: 2 or more</li> <li>• Optical Drive: DVD-ROM</li> <li>• 23.8-inch or above widescreen display with 1920 × 1080 resolution</li> <li>• Screen interface: VGA/HDMI</li> </ul>
Support Device	P/S/NM/A/Q
Communication Mode	Wire/Wi-Fi
Number of Monitoring Devices	64
Screen Support	1/2/3/4
Parameters	P/S/NM series parameters, part of high-end parameter of A/Q (can be extended later)

## Review

Items	Requirements
Historical Review	Supports at least 300 discharged patient monitoring data review
Full Disclosure	240 hours
Trends	240 hours
DM Trends	240 hours
NIBP Review	1000 NIBP measurement results
C.O. Review	720 C.O. measurement results
Alarm Events	The latest 1000 events
OxyCRG Review	At least 48 hours (only neonate)
Dynamic Trends	8 hours
ST Segment	24 hours
Arrhythmia Statistic	24 hours
ECG Summary	24 hours
Freeze Waveform	120s full disclosure

## Layout

Component	Requirements
Bed Arrangement	Auto (set the total number and arrange them automatically) / Manual (select the number of rows and columns to arrange as needed)
Equipment Reception	Auto/Manual mirroring visual arbitrary segment reception
Bed Switching	Supports any two beds switching
Grouping Management	Patient Group/Nursing Group
Waveform Management	Automatic (priority)/Manual (can choose any position)
Maximum Bed Number on Single/Dual Screens	36
Maximum Bed Number on 3/4 Screens	64
Single Bed Display Mode	Single bed on one screen/compact display, dynamic trend screen/standard screen/ECG screen
Maximum Waveforms on Single/Dual Screens	36

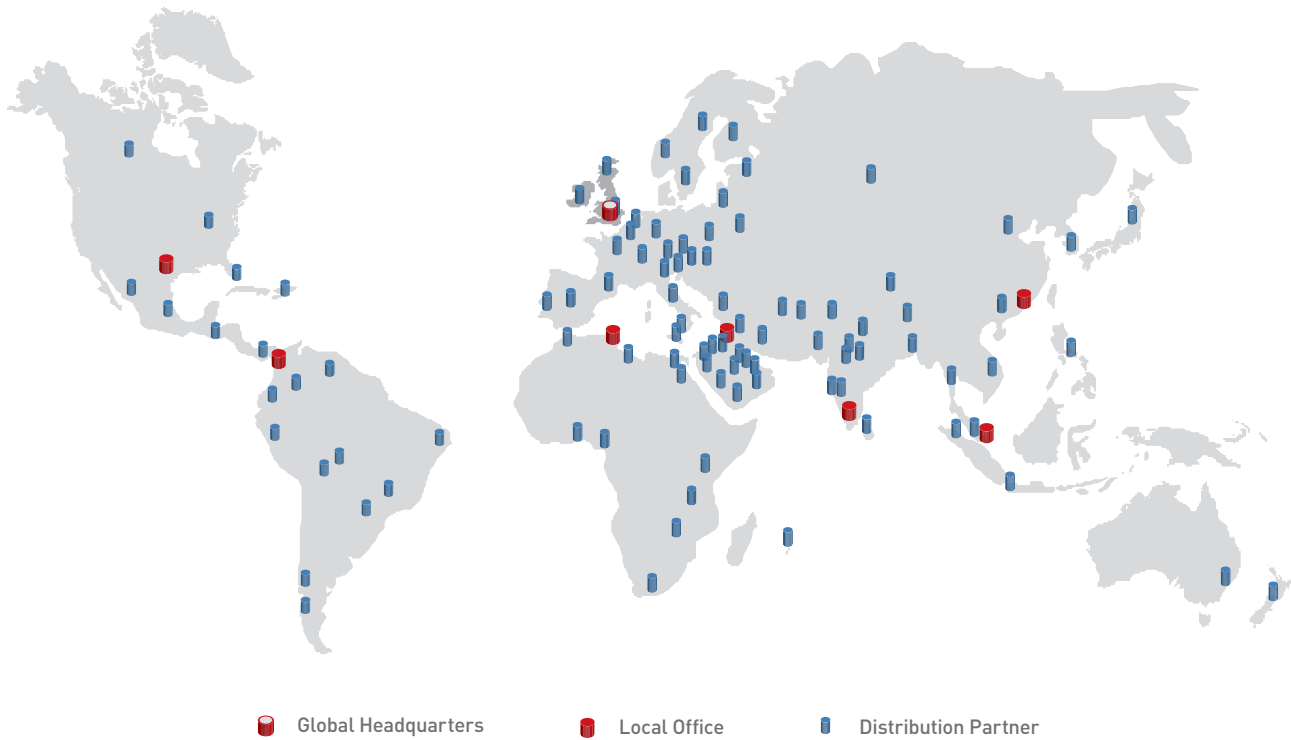


## About Penlon ♦

Penlon was founded in 1943 by personnel from the Department of Anaesthesia at Oxford University. One of the first products was the Macintosh Laryngoscope, then a revolutionary design, and still the most widely used today, invented by the late Sir Robert Macintosh, Professor of Anaesthetics.

Today Penlon continues to design, engineer and build high quality anaesthesia products at its UK operations headquarters. The company is proud to have 80 years' dedicated experience, many awards for product design, and an impressive four Queen's Awards for Enterprise, one for 'Innovation' and three for 'International Trade'.

Penlon devices feature intuitive user interfaces that require minimal operator training, putting clinicians in control, enabling them to focus on what is most important – patient safety and wellbeing.



PenlonGlobal



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