

## Appendix I Specifications

### A1.1 Recommended Hardware Configuration

The minimum requirements of hardware configuration for the MFM-CMS are shown as below.

Components	Requirements												
System	Meet the IEC/EN control requirements for ITE device												
PC workstation	CPU: Dual Intel Core i3 3.0 Ghz or above Memory: 4 G or above Hard disk: 500 GB or above Display interface: 2 LAN port: 1 or above USB port: more than one OS: Windows 7 Pro 32/64 bit Windows 8 Pro 32/64 bit Windows 10 (Above the version 1507.10240) Pro 32/64 bit												
Keyboard	PS/2 or USB keyboard with CE mark												
Mouse	PS/2 or USB mouse with CE mark												
Display	<p><b>Specifications:</b></p> <table border="1"> <thead> <tr> <th>Dimensions (inch)</th> <th>Resolution (pixel)</th> </tr> </thead> <tbody> <tr> <td>19 (widescreen)</td> <td>1440X900</td> </tr> <tr> <td><b>*19 (regular-screen)</b></td> <td><b>1280X1024</b></td> </tr> <tr> <td>17 (regular-screen)</td> <td>1280X1024</td> </tr> <tr> <td>22 (widescreen)</td> <td>1920X1080</td> </tr> <tr> <td colspan="2"><i>*Recommended</i></td> </tr> </tbody> </table> <p><b>Quantity:</b>            For 1 to 32 bedside monitors/ telemetry devices: one display            For 33 to 64 bedside monitors/ telemetry devices: two displays</p>	Dimensions (inch)	Resolution (pixel)	19 (widescreen)	1440X900	<b>*19 (regular-screen)</b>	<b>1280X1024</b>	17 (regular-screen)	1280X1024	22 (widescreen)	1920X1080	<i>*Recommended</i>	
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Printer	LaserJet												
UPS	1000 W												

Network device specifications	Structure	Ethernet 802.3
	Device	Network switch
	Transmission rate	10 M, 100 M
	Transmitted information	Waveforms, parameters and alarms of all networked bedside monitors
	Compatible monitors/ telemetry devices	Patient monitors/ telemetry devices complying with network protocol of the manufacturer
	Maximum number of networked monitors/ telemetry devices	64
Speaker	Built-in speaker is recommended.	

### **CAUTION**

Ensure that the computer hardware can meet the requirements of the software installation and running. Also, the video adapter, the audio adapter, the network adapter and their respective drivers should be installed well in the computer; otherwise, the software may not run normally.

#### **NOTE:**

- 1 The hardware specifications require the use of PC that complies with IEC/EN requirements for ITE equipment.
- 2 The configuration mentioned above is for reference and not permanent. The manufacturer preserves the right to change and upgrade system settings.
- 3 It is recommended to install the antivirus software (recommend Kaspersky software) on the computer which is used for MFM-CMS, and also keep it updated in time.

## **A1.2 Software Performance**

Trend	240-hour trend review for each bedside monitor/ telemetry device; 12-hour short trend dynamic display for each bedside monitor/ telemetry device;
Alarm events	240-hour alarm events for each bedside monitor/ telemetry device (up to 20000 pieces)
Alarm type	Physiological Alarm Technical Alarm

Alarm mode	3 levels of audible and visual alarms
Nurse call records (from the telemetry devices are stored by MFM-CMS)	Store 100 groups
Patient call records (from the telemetry devices are stored by MFM-CMS)	Store 100 groups
Waveform storage and review	Up to 240-hour waveform for each bedside monitor/telemetry device; 96-hour is the default selection.
NIBP measurement storage and review	240-hour NIBP measurement for each bedside monitor/telemetry device (up to 20000 pieces)
12-lead analysis results	240-hour 12-lead analysis results for each bedside monitor/telemetry device (up to 20000 pieces)
C.O. measurements	240-hour C.O. measurement for each bedside monitor/telemetry device (up to 20000 pieces)
Quick TEMP measurements	240-hour Quick TEMP measurement for each bedside monitor/telemetry device (up to 20000 pieces)
PAWP measurements	240-hour PAWP measurement for each bedside monitor/telemetry device (up to 20000 pieces)