



# All-in-One Health Monitor

PC-303H



## Application:

The CMI PC-303H All-in-One Health Monitor is a convenient and portable device. With a smart-phone or tablet, the user can measure, store and share Blood Pressure, Oxygen Saturation, Heart Rate, Temperature, ECG and Blood Glucose data. This device is widely used in hospitals, physician offices, clinical settings, assisted living facilities and patient homes.

## Features:

- Measures Blood Pressure, Oxygen Saturation, Heart Rate and Temperature
- Optional ECG and Blood Glucose
- Display, manage and share data with App
- Bluetooth 2.0, 4.0 and USB interface (SDK available upon request)

## Technical Specifications

### A. Oxygen Saturation (SpO<sub>2</sub>) Specifications

|                  |   |
|------------------|---|
| Measuring range: | 35%~100%                                      |
| Accuracy:        | ±2% (during 75%~100%)<br>±3% (during 50%~74%) |

### B. Pulse Rate Specifications

|                  |                                   |
|------------------|-----------------------------------|
| Measuring range: | (0~300) bpm                       |
| Accuracy:        | ±2% or ±3% (whichever is greater) |

### C. Blood Pressure Specifications

|                               |   |
|-------------------------------|---|
| Range:                        | 0mmHg~300mmHg (0kpa-39.9kpa)  |
| Pressure transducer accuracy: | ±3mmHg  |
| Measuring range:              | Systolic pressure: 60mmHg~240mmHg<br>Diastolic pressure: 30mmHg~180mmHg |

### D. Temperature Specifications

|                  |  |
|------------------|--|
| Measuring range: | 89.6~111 F                                 |
| Accuracy:        | ±0.2 F (during 95~102 F)<br>±0.4 F (other) |
| Measuring time:  | <5s  |

### E. Blood Glucose Specifications

|                  |                  |
|------------------|------------------|
| Measuring range: | 30mg/dL~500mg/dL |
| Accuracy:        | ±5.4mg/dL        |
| Measuring time:  | 5s ± 0.5s        |
| Resolution:      | 0.1mg/dL         |
| Working current: | ≤800mA           |

### F. Power supply:

|                                |
|--------------------------------|
| 3.7V Li-ion battery or 5V/1.2A |
| Supply voltage: 3.5~4.2 VDC    |
| Operating current: ≤800mA      |

### F. Operating Requirement

|              |             |
|--------------|-------------|
| Temperature: | 41 ~ 104 F  |
| Humidity:    | 30%RH~80%RH |

### H. Measurements Options

|  |
|--|
| Basic Package: SpO <sub>2</sub> , NIBP, TEMP |
| Optional: ECG, Blood Glucose                 |



SpO<sub>2</sub>



Blood Pressure



Temperature



Blood Glucose



ECG

Note: Specifications subject to change without prior notice.



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