

# AnyView S10&S12

## Compact Patient Monitor



### Size and Weight

|        |       |                       |
|--------|-------|-----------------------|
| Size   | S12:  | 175mm X 320mm X 262mm |
|        | S10:  | 168mm X 288mm X 236mm |
| Weight | < 4kg |                       |

### Power

Standard According to IEC 60601-1 and IEC 60601-1-2

|               |                      |
|---------------|----------------------|
| Input voltage | AC (100-240) V(±10%) |
| Frequency     | 50Hz/60Hz            |
| Input power   | 100VA                |

### Display

|                |                           |
|----------------|---------------------------|
| Type           | Color TFT LCD             |
| Size(diagonal) | 12.1" / 10.4" (S12 / S10) |
| Resolution     | 800×600 pixels            |

### Recorder(Optional)

|                    |                             |
|--------------------|-----------------------------|
| Type               | Thermal dot array           |
| Paper width        | 50 mm ±1mm                  |
| Recording speed    | 12.5 mm/s, 25 mm/s, 50 mm/s |
| Recording waveform | Maximum 3 tracks            |

### Battery

|                                                                                                                                |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Type                                                                                                                           | Rechargeable Li-ion battery 11.1V 2.5Ah / 5.0Ah |
| Operating time                                                                                                                 | >240 / 480 minutes (2.5Ah / 5.0Ah)              |
| (1 new and fully charged battery at 25°C temperature, connecting SpO2 sensor & NIBP work on AUTO mode for 30 minutes interval) |                                                 |
| Charge time                                                                                                                    | <6 / 12 hours(2.5Ah / 5.0Ah)                    |

### Data Storage

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Alarm event          | 3000 groups and associated waveform                              |
| Trend                | 180h, minimum resolution is 1min<br>6h, minimum resolution is 5s |
| NIBP                 | 3000 groups and associated waveform                              |
| ARR event            | 2400 groups                                                      |
| Holographic waveform | 72 hours                                                         |

### Interfacing & I/O devices

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Keyboard & Mouse     | Support                                           |
| Barcode Scanner      | Support 1D barcode (USB connector)                |
| Wired network        | 1 standard RJ45 interfaces                        |
| Wifi (option)        | Protocol: IEEE802.11a/b/g/n                       |
| Wifi frequency       | Dual Band: 2.4G/5G                                |
| USB socket           | 2 sockets                                         |
| Video output         | 1 VGA (option)                                    |
| Multifunctional port | nurse call / defibrillation sync. / analog output |

### ECG

|      |                                                        |
|------|--------------------------------------------------------|
| Lead | 3 lead: I, II, III                                     |
|      | 5 lead: I, II, III, aVR, aVL, aVF, Vx                  |
|      | 6-lead: I, II, III, aVR, aVL, aVF, Va, Vb              |
|      | 12-lead: I, II, III, aVR, aVL, aVF, V1~V6 (S12 option) |
|      | Auto: identify leads automatically                     |

|                                     |                                                                |
|-------------------------------------|----------------------------------------------------------------|
| CMRR                                | Monitor / Operation mode ≥ 110 dB                              |
|                                     | Diagnostic mode ≥ 100 dB                                       |
| Bandwidth (-3dB)                    | Monitor mode: 0.5 Hz to 40 Hz                                  |
|                                     | Operation mode: 1 Hz to 25Hz                                   |
| Input impedance                     | ≥ 5.0 MΩ                                                       |
| Input signal range                  | -10.0mV~+10.0mV                                                |
| Electrode offset potential          | ± 500 mV D.C.                                                  |
| System noise                        | ≤ 30 μVpp (RTI)                                                |
| Recovery time after defibrillation: | waveform recover to baseline in 10s                            |
| Sweep speed                         | 6.25mm/s, 12.5 mm/s, 25 mm/s, 50mm/s.                          |
| <b>ST segment</b>                   |                                                                |
| Measurement range                   | -2.0 mV to +2.0 mV                                             |
| Accuracy                            | -0.8 mV to +0.8 mV: ±0.02 mV or ±10%<br>(whichever is greater) |
| Resolution                          | 0.01mV                                                         |
| <b>Heart Rate</b>                   |                                                                |
| Measurement range                   | Adult 10 bpm to 300 bpm                                        |
|                                     | Pediatric & Neonatal 10 bpm to 350 bpm                         |
| Resolution                          | 1 bpm                                                          |
| Accuracy                            | ±1% or ±1 bpm, whichever is greater                            |

### Arrhythmia analysis

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27 Kinds | (ASYSTOLE, BRADYCARDIA, TACHYCARDIA, EXTREME BRADYCARDIA, EXTREME TACHYCARDIA, VENTRICULAR BRADYCARDIA, VENTRICULAR TACHYCARDIA, NONSUSTAINED VENTRICULAR TACHYCARDIA, VENTRICULAR FIBRILATION, ATRIAL FIBRILATION, ATRIAL FIBRILATION END, R ON T, VENTRICULAR RHYTHM, PNC, PNP, PAUSE, PVC, PAUSES/MIN HIGH, RUNNING PVCs, COUPLET, BIGEMINY, TRIGEMINY, FREQUENT PVCs, MISSED BEAT, ECG NOISE, IRREGULAR RHYTHM, IRREGULAR RHYTHM END) |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Respiration

|                      |                                          |
|----------------------|------------------------------------------|
| Lead                 | Selected from: I (RA-LA) or II (RA-LL)   |
| Measurement range    | 0 rpm to 150 rpm                         |
| Resolution           | 1 rpm                                    |
| Accuracy             | ±2 rpm or ±2% , whichever is the greater |
| Delay of apnea alarm | Adjustable delay time: 10s ~ 60s         |

### QT analysis

|                   |                                 |
|-------------------|---------------------------------|
| Measurement range | QT: 200ms~700ms                 |
|                   | QTc: 200ms~700ms                |
|                   | ΔQTc: -500ms~500ms              |
|                   | QT-HR: Adult: 15bpm~150bpm      |
|                   | Pediatric/neonatal:15bpm~180bpm |
| Resolution        | QT, QTc, ΔQTc: 1ms              |
|                   | QT-HR: 1bpm                     |
| Accuracy          | QT: ±30ms                       |

**NIBP**

|                                                                          |                                                                                         |                    |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------|
| Measurement way                                                          | Automatic oscillometry                                                                  |                    |
| Measurement mode                                                         | Manual , Auto, STAT                                                                     |                    |
| Intervals for Auto measurement: 1/2/2.5/3/5/10/15/20/30min, 1/1.5/2/4/8h |                                                                                         |                    |
| STAT mode cycle time 5 minutes.                                          |                                                                                         |                    |
| Systolic range                                                           | Adult                                                                                   | 30 to 270 mmHg     |
|                                                                          | Pediatric                                                                               | 30 to 235 mmHg     |
|                                                                          | Neonatal                                                                                | 30 to 135 mmHg     |
| Diastolic range                                                          | Adult                                                                                   | 10 to 220 mmHg     |
|                                                                          | Pediatric                                                                               | 10 to 220 mmHg     |
|                                                                          | Neonatal                                                                                | 10 to 110 mmHg     |
| Mean range                                                               | Adult                                                                                   | 20 to 235 mmHg     |
|                                                                          | Pediatric                                                                               | 20 to 235 mmHg     |
|                                                                          | Neonatal                                                                                | 20 to 125 mmHg     |
| Pressure accuracy                                                        | Static:                                                                                 | ±3 mmHg            |
|                                                                          | Clinic:                                                                                 | mean error ±5 mmHg |
|                                                                          | Standard deviation:                                                                     | ≤8 mmHg            |
| Inflation time for cuff                                                  | Less than 40s. (standard adult cuff)                                                    |                    |
| Cuff pressure range                                                      | 0 to 300 mmHg                                                                           |                    |
| PR range                                                                 | 40 bpm to 240 bpm                                                                       |                    |
| Measurement time                                                         | 20s to 45s (typical value)                                                              |                    |
| Lead standard                                                            | AHA, IEC                                                                                |                    |
| Gain                                                                     | Auto, 2.5 mm/Mv (×0.25), 5 mm/mV (×0.5),<br>10 mm/mV (×1), 20 mm/mV (×2), 40 mm/mV (×4) |                    |

**BLT SpO2**

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Measurement range  | 0% ~ 100%                                                    |
| Accuracy(clinical) | 70% ~ 100% ≤3% (SpO2 probe included)<br>0% ~ 69% unspecified |

**PR**

|                   |                   |
|-------------------|-------------------|
| Measurement range | 25 bpm to 300 bpm |
| Resolution        | 1bpm              |
| Accuracy          | ± 3bpm            |

**PI**

|                   |                                                |
|-------------------|------------------------------------------------|
| Measurement range | 0.05~20.00%                                    |
| Resolution        | 0.01%                                          |
| Accuracy          | ±0.1% or ±10% of reading, whichever is greater |

**RESP (from pleth)**

|                   |               |
|-------------------|---------------|
| Measurement range | 0 rpm ~90 rpm |
| Resolution        | 1 rpm         |
| Accuracy          | ± 2rpm        |

**Nellcor SpO2 (option for S12 only)**

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Measurement range | 0% to 100%                                                                               |
| Resolution        | 1%                                                                                       |
| Accuracy          | 70% to 100%: ±2%(adult/pediatric)<br>70% to 100%: ±3%(neonate)<br>0% to 69%, unspecified |

**PR**

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Measurement range | 20 bpm to 300 bpm                                            |
| Accuracy          | 20 bpm to 250 bpm: ±3 bpm<br>251 bpm to 300 bpm: unspecified |
| Resolution        | 1 bpm                                                        |

**PI**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Measurement range | At least 0.05 ~ 20.00%                             |
| Resolution        | 0.01%                                              |
| Accuracy          | ±0.1% or ±10% of reading, whichever is the greater |

**Masimo SpO2 (option for S12 only)**

|                   |                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measurement range | 0% to 100%                                                                                                                                            |
| Resolution        | 1%                                                                                                                                                    |
| Accuracy          | 70% to 100% ±2% (adult/pediatric, non-motion)<br>70% to 100% ±3% (neonate, non-motion)<br>70% to 100% ±3%(motion conditions)<br>0% to 69% unspecified |

**PR**

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Measurement range | 25 bpm to 240 bpm                                          |
| Accuracy          | ±3 bpm(non-motion conditions)<br>±5 bpm(motion conditions) |
| Resolution        | 1 bpm                                                      |

**PI**

|                   |              |
|-------------------|--------------|
| Measurement range | 0.05% to 20% |
|-------------------|--------------|

**Temperature (Dual-Temp for S12 only)**

|                   |                                    |
|-------------------|------------------------------------|
| Parameter         | T1,T2,TD                           |
| Probe             | YSI400 series probe (2252 Ω @25℃)  |
| Measurement range | 0.0℃ to 50.0℃(32°F to 122°F)       |
| Accuracy          | ±0.1℃ or ±1°F (exclusive of probe) |
| Resolution        | 0.1℃ or 1°F                        |
| Unit              | ℃ or °F                            |

**IBP (option for S12 only)**

|                           |                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------|
| Sensitivity of transducer | 5uV/V/ mmHg, ±2%                                                                                 |
| Impedance of transducer   | 300Ω to 3000Ω                                                                                    |
| Measurement range         | -50 mmHg to +360 mmHg                                                                            |
| Measurement accuracy      | ±2 mmHg or ±2% of the reading,<br>whichever is the greater (exclusive of transducer)             |
| Resolution                | 1 mmHg                                                                                           |
| Unit                      | mmHg, kPa, cmH2O                                                                                 |
| Transducer sites          | ART/CVP/ICP/PA/Ao/UAP/BAP/FAP//LAP/RAP/UVP<br>LV/PAWP, additionally, P1 & P2 are arbitrary sites |

**PPV**

|                   |       |
|-------------------|-------|
| Measurement range | 0~50% |
| Resolution        | 1.00% |

**PR**

|                   |                                   |
|-------------------|-----------------------------------|
| Measurement range | 30 bpm to 300 bpm                 |
| Resolution        | 1bpm                              |
| Accuracy          | ±1% or ±1bpm whichever is greater |

|                                  |           |              |
|----------------------------------|-----------|--------------|
| Software overpressure protection | Adult     | (297±3) mmHg |
|                                  | Pediatric | (252±3) mmHg |
|                                  | Neonatal  | (147±3) mmHg |

**MicroFlow CO2 (option for S12 only)**

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Measurement range | 0% to 25% (0 mmHg to 190 mmHg)                              |
| Unit              | 0.1% or 1mmHg                                               |
| Unit              | %, mmHg, kPa                                                |
| Accuracy          | ± (0.43% + 8% of reading)                                   |
| Preheating time   | <10s (Report concentration and<br>achieve highest accuracy) |
| Rise time         | <3s (including delay time and rise time)                    |
| Sample Flow Rate  | 50±10mL/min                                                 |
| awRR range        | 0 rpm to 150 rpm                                            |
| awRR accuracy     | ±1 rpm                                                      |

#### Mainstream CO2 (option for S12 only)

|                   |                                |
|-------------------|--------------------------------|
| Measurement range | 0% to 25% (0 mmHg to 190 mmHg) |
| Resolution        | 0.1% or 1mmHg                  |
| Preheating time   | <10s                           |
| Rise time         | <90ms                          |
| Unit              | %, mmHg, kPa                   |
| Accuracy          | ± (0.43% + 8% of reading)      |
| awRR range        | 0 rpm to 150 rpm               |
| awRR accuracy     | ±1 rpm                         |

#### C.O. (option for S12 only)

|                   |      |                                        |
|-------------------|------|----------------------------------------|
| Measurement range | C.O. | 0.1 L/min to 20 L/min                  |
|                   | TB   | 23.00°C ~ 43.00°C                      |
|                   | TI   | -1.0°C ~ 27.0°C                        |
| Resolution        | C.O. | 0.1 L/min                              |
|                   | TB   | 0.01°C                                 |
|                   | TI   | 0.1°C                                  |
| Accuracy          | C.O. | ±5% or ±0.1L/min, whichever is greater |
|                   | TB   | ±0.1°C                                 |
|                   | TI   | ±0.1°C                                 |

#### Drip Monitor (option)

|                      |           |                                                                                                    |
|----------------------|-----------|----------------------------------------------------------------------------------------------------|
| Measurement range    | Drip rate | 5~200 Drops/min<br>(1mL of conventional tube =20 drops)                                            |
| Accuracy             |           | ±2 digit or ±2% (whichever is greater)                                                             |
| Unit                 |           | Drops/min, mL/h, can be automatically converted<br>(1mL conventional tube=20 drops is mainly used) |
| Liquid stop function |           | Alarm and stop liquid when infusion is completed.<br>Alarm when drip rate is abnormal.             |

#### Standard configuration:

3/5/6 lead ECG, HR, SpO2, PI, RESP(from pleth), NIBP, Temp, Dual-Temp(S12), Capacitive Touch Screen, Rechargeable Li-ion battery (2.5Ah).

#### Option:

S10: Drip monitor(DM), Rechargeable Li-ion battery (5Ah),

S12: Drip monitor(DM), 12 lead ECG, Voice assistant, Nurse call / Defibrillation sync. /VGA output, Rechargeable Li-ion battery (5Ah). 2-IBP, C.O., Mainstream/Microflow EtCO2, Masimo SpO2, Nellcor SpO2.

Others: Thermal Printer, Rolling stand, Wall mount

\*Specifications subject to change without prior notice

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