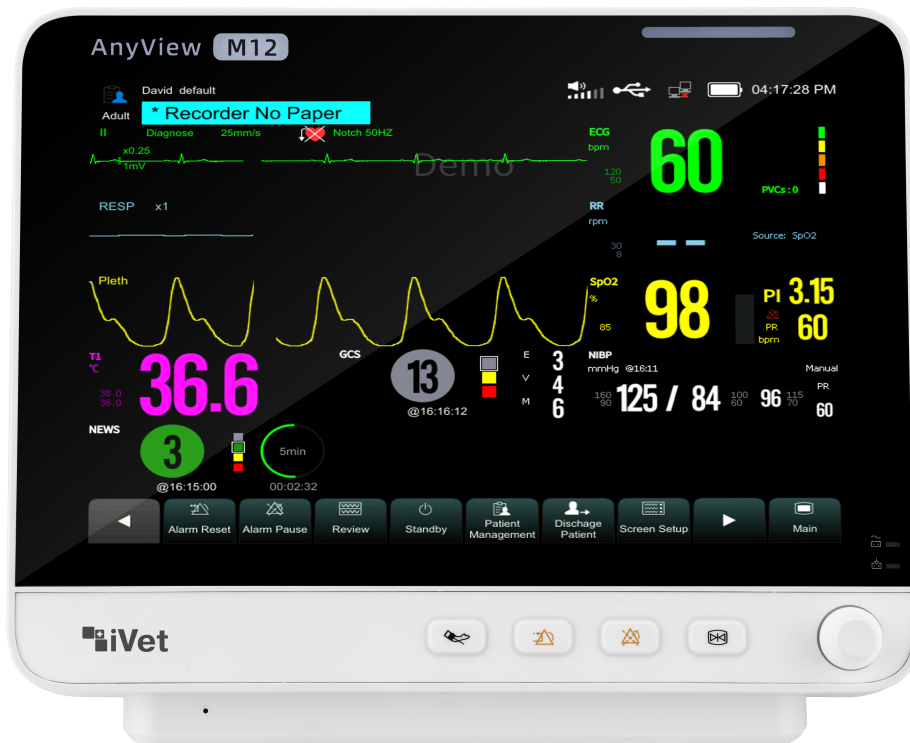


M12 Vet Compact Veterinary Monitor



- > Monitoring parameters of all vital organs
- > 12.1" TFT LCD screen
- > Equipped with the accessory box, the medical staff will be more convenient to store and take out the accessories
- > Display layout can be changed with simple swipe gestures
- > Adjust brightness automatically based on ambient light
- > LAN/Wireless connections

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M12 Vet – Compact Veterinary Monitor

Size & Weight

Dimension: 198mm X 320mm X 262mm
Weight: <4kg

Display

Size: 12.1"
Type: Color TFT LCD
Resolution: 1280x800 pixels

Power Supply

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

Battery

Type: Rechargeable Li-ion battery, 11.1V 2.5Ah/5.0Ah
Operating time: >240 minutes (2.5Ah) (1 new and fully charged battery at 25°C temperature, connecting SpO2 sensor & NIBP work on AUTO mode for 30 minutes interval)
Charge time: <8 hours (2.5Ah)

Data Storage

Alarm event: 300 groups and associated waveform
Trend: 1800h, minimum resolution is 10min
180h, minimum resolution is 1min
6h, minimum resolution is 5s
ARR event: 3000 groups and associated waveform
NIBP: 2400 groups
Holographic waveform: 72 hours

Interfacing & I/O devices

Keyboard & Mouse: Support
Barcode Scanner: Support ID barcode (USB connector)
Wired Network: 1 standard RJ45 interfaces
Wifi (optional): Protocol: IEEE802.11a/b/g/n
Wifi Frequency: Dual Band: 2.4G/5G
USB Socket: 2 sockets
Video Output: 1 VGA (optional)

ECG

Lead: 3-lead: I, II, III
5-lead: I, II, III, aVR, aVL, aVF, V-
6-lead: I, II, III, aVR, aVL, aVF, Va, Vb
Auto: Identify leads automatically
Indication of lead-off: Every electrode
Support ST, QT and ARR functions
Bandwidth (~3dB): Diagnostic mode: 0.05-150Hz
Monitor mode: 0.5-40Hz
Operation mode: 1-25Hz
ST mode: 0.05-40Hz
Signal quality display: Expression way: Numerical display and waveform color
HR measurement range: 10-400 bpm
HP resolution: 1 bpm
HR accuracy: ±1% or ±1 bpm, whichever is greater

RESP

Measurement parameter: Respiration rate and respiration waveform
Source: RA-LA, RA-LL (default)
Measurement range: 0-150 rpm
Resolution: 1 rpm
Accuracy: ±2 rpm or ±2%, whichever is greater
Respiration Apnea Alarm: Fixed high priority alarm

BLT NIBP

Measurement parameters: SYS, DIA, MAP, PR
Mode of operation: Manual, Auto, STAT, Sequence
Measurement range of cuff pressure: 0-300 mmHg
Initial inflation pressure: Big animal: 12-280mmHg, default 160mmHg
Small animal: 60-280mmHg, default 160mmHg
Technique: Automatic Oscillometry
Dynamic pressure measurement error of simulator: ±8mmHg (±1.1kPa)
Static pressure accuracy: ±3 mmHg (±0.4kPa)
Pressure resolution: 1 mmHg or 0.1kPa
PR Measurement range: 40 ~ 240 bpm
PR accuracy: ± 3 bpm or ±3%, whichever is greater

Recorder

Type: Thermal dot array
Paper width: 50mm ± 1mm
Recording speed: 12 mm/s, 25 mm/s
Recording waveform: Maximum 3 tracks

BLT SpO2

Measuring range: 0-100%
Sensitivity: High, medium, low
Accuracy: At 70-100%, ±2%
At 0-69%, unspecified
PR measurement ranges: 25 bpm-400 bpm
PR resolution: 1 bpm
PR accuracy: ±3bpm (non-motion conditions)
PI measurement range: At least 0.05-20.00%
PI resolution: 0.01%
PI accuracy: ±0.1% or ±10% of reading, whichever is greater

TEMP

Parameter: T1, T2, TD
Measurement site: Surface and coelom
Measuring range: 0.0-50.0°C (32°F-122°F)
Resolution: 0.1°C or 0.1°F
Accuracy of circuit: ±0.1 °C (±0.2°F) (without sensor)

CO2

Measurement Parameter: EtCO2, FiCO2, a CO2 waveform and awRR
Measurement Method: Mainstream, Sidestream/Microflow
Unit: mmHg, kPa and %
EtCO2/FiCO2 measurement range: 0%-19.7% (0mmHg-150mmHg)
EtCO2/FiCO2 measurement accuracy: ± (0.43% + 8% of reading)
EtCO2/FiCO2 display resolution: 0.1% or 1mmHg
awRR measurement range: 0-150 bpm
awRR measurement accuracy: ±1 bpm

IBP

STATIC PRESSURE MEASUREMENT:
Measurement Range: -6.7kPa~ + 48.0kPa (-50mmHg~ + 360mmHg)
Resolution: 1mmHg
Accuracy: ±0.3kPa (±2mmHg) or ±2%, whichever is greater (without sensor)

DYNAMIC PRESSURE MEASUREMENT:
Measurement Range: -6.7kPa~ + 48.0kPa (-50mmHg~ + 360mmHg)
Resolution: 1mmHg
Accuracy: ±0.3kPa (±2mmHg) or ±2%, whichever is greater (without sensor)
IBP zero range: -200mmHg~ +200 mmHg
Measuring range: -50~300 mmHg
Resolution: 1mmHg
PR measurement range: 30 bpm ~300 bpm
PR resolution: 1 bpm
PR accuracy: ±1% or ±1bpm, whichever is greater

STANDARD CONFIGURATION:

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

OPTIONAL CONFIGURATION:

VGA output, Capacitive Touch Screen, 2-IBP, MAInstream/Microflow EtCO2, Thermal Printer, Rolling Stand, Wall Mount, Rechargeabl Li-ion Battery (5Ah)