

AnyView G10/G12/G15 Vet

Semi-Modular Veterinary Monitor



Size and Weight

Size	G10 Vet: 180×270×240mm
	G12 Vet: 180×310×270mm
	G15 Vet: 220×400×295mm
Weight	G10 Vet: < 4.2kg
	G12 Vet: < 4.7kg
	G15 Vet: < 5.7kg
Modular slot	G10/G12 Vet: 2
	G15 Vet: 3

Power

According to IEC 60601-1 and IEC 60601-1-2	
Input voltage	AC (100-240) V (±10%)
Frequency	50Hz/60Hz
Input power	G10 Vet: 0.8A-0.5A/80VA
	G12 Vet: 1.5A-0.7A/140VA
	G15 Vet: 1.5A-0.7A/140VA

Display

Type	Color TFT LCD
Size(diagonal)	G10 Vet: 10.1 inch
	G12 Vet: 12.1 inch
	G15 Vet: 15.6 inch
Resolution	G10 Vet: 1280×800 pixels
	G12 Vet: 1280×800 pixels
	G15 Vet: 1366×768 pixels

External display

Type	HDMI
Resolution	Above 1280×800 pixels

Recorder

Type	BTR50S 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	G10/G12/G15 Vet:
	Rechargeable Li-ion battery, 11.1 VDC, 5000mAh
Operating time	G10 Vet: ≥10h
	G12 Vet: ≥10h
	G15 Vet: ≥10h
Charge time	less than 5.5 hours to 100%

Connectors

Power	1 AC power inlet with cable retainer
Wired network	G10/G12/G15 Vet: 1 (standard RJ45)
USB (standard USB 2.0 sockets)	G12/G15 Vet: 2
HDMI connector	G10/G12/G15 Vet: 1
Nurse call interface	1

Equipotential grounding point	1
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Environmental requirements

Operating temperature	0°C to +40°C
Operating humidity	15% to 95%(non condensing)
Operating air pressure	54.0kPa to 107.4kPa
Storage temperature	-20°C to +60°C
Storage humidity	10% to 95%(non condensing)
Storage air pressure	16.0kPa to 107.4kPa

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
	Auto: identify leads automatically
Indication of lead-off shall be provided	Every electrode
ECG abnormal work indications	Each amplification channel shall indicate abnormal ECG operation (polarization).
Bandwidth (-3dB)	Diagnostic mode: 0.05 Hz to 150 Hz
	Monitor mode: 0.5 Hz to 40 Hz
	Operation mode: 1 Hz to 25Hz
	ST mode: 0.05 Hz to 40Hz
Input impedance	≥5.0 MΩ
ECG signal range	± 10.0 mV
Electrode offset potential ± 500 Mv	
System noise	≤ 30 μVpp (RTI)
Breakdown Voltage	4000V 50Hz/60Hz
Baseline recovery	Baseline recovery time: 5s (after defibrillation).
Sweep speed	6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s
ST segment	
ST Display	12-lead ST segment values at the same time and support ST graphic display
Measurement range	-2.0 mV to +2.0 mV
Accuracy	-0.8 mV to +0.8 mV: ±0.02 mV or ±10%, (whichever is greater)
	Over ±0.8mV: unspecified
Resolution	0.01mV
ST update period	10s

Arrhythmia analysis

Kinds	27 Types (ASYSTOLE, BRADYCARDIA, TACHYCARDIA, EXTREME BRADYCARDIA, EXTREME TACHYCARDIA, VENTRICULAR BRADYCARDIA, VENTRICULAR TACHYCARDIA, NONSUSTAINED VENTRICULAR TACHYCARDIA, VENTRICULAR FIBRILLATION, ATRIAL FIBRILLATION, ATRIAL FIBRILLATION 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)
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Respiration

Source	RA-LA, RA-LL (default)
Measurement range	0 rpm to 150 rpm
Accuracy	±2 rpm or ±2% , whichever is the greater
Sweep speed	6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Delay of apnea alarm	10~60s, error ±3s or ±10%,
Bandwith	0.2Hz ~ 2.5Hz (-3db ~ +0.4dB)
Baseline impedance	200 ~ 2500Ω
Measuring impedance	0.3Ω ~ 3Ω

HR

Measurement range	10~400 bpm
Resolution	1 bpm
Accuracy	±1% or ±1 bpm, whichever is greater
Detection sensitivity	0.20mVp-p

QT analysis

Measurement range	QT: 200ms~700ms QTc: 200ms~700ms ΔQTc: -500ms~500ms QT-HR: 15bpm~180bpm
Resolution	QT, QTc, ΔQTc: 1ms QT-HR: 1bpm
Accuracy	QT: ±30ms

NIBP

Standard	IEC80601-2-30, ISO 81060-2	
Measurement parameters	SYS, DIA, MAP, PR	
Measurement mode	Manual , Auto, STAT, Sequence	
STAT mode cycle time	5 min	
Initial inflation pressure	Big animal	120 to 280 mmHg Default 160 mmHg
	Small animal	60 to 280 mmHg Default 160 mmHg
Dynamic pressure measurement range	Systolic	30 to 270 mmHg
	Diastolic	10 to 220 mmHg
	Mean	20 to 235 mmHg
Dynamic pressure measurement error of simulator	±8 mmHg	
Cuff pressure range	0 to 300 mmHg	
Resolution	1 mmHg	
Pressure accuracy	±3 mmHg	
PR range	40 bpm to 240 bpm Static	
Accuracy	±3bpm or ±3%	
SunTech NIBP (option)		
Way of measurement	Oscillometric.	
Measurement range	SYS	40~265 mmHg
	DIA	20~200 mmHg
	MAP	27~220 mmHg
Pressure Accuracy	± 3 mmHg (± 0.4 kPa) or 2 % of the reading	
Pulse rate range	30 ~ 220 bpm	
Pulse Rate Accuracy	2% or 3 bpm, whichever is greater	
Initial inflation pressure	Big animal	120 to 280 mmHg default 160 mmHg
	Small animal	60 to 280 mmHg default 160 mmHg

BLT Provet SpO2

Measurement range	0% ~ 99%
Resolution	1%
Accuracy	70% ~ 100% ±2%
	0% ~ 69% unspecified

PR

Measurement range	18 bpm to 400 bpm
Resolution	1 bpm
Accuracy	±2% or ±2 bpm, whichever is the greater

BLT SpO2

Measurement range	0% ~ 100%
Resolution	1%
Accuracy	70% ~ 100% ±2%
	0% ~ 69% unspecified

PR

Measurement range	25 bpm to 400 bpm
Resolution	1 bpm
Accuracy	±3% or ±3 bpm, whichever is the greater

PI

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

RESP (from pleth)

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

Nellcor SpO2 (option)

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

PR

Measurement range	20 bpm to 300 bpm
Accuracy	20 bpm to 250 bpm: ±3 bpm 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)

Measurement range	0% to 100%
Resolution	1%
Accuracy	70% to 100% ±2% (non-motion) 70% to 100% ±3%(motion conditions) 0% to 69% unspecified

PR

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

IBP (option)

Standard	EN 60601-2-34 / IEC 60601-2-34
Nominal sensitivity	5uV/V/ mmHg
Output impedance	300Ω to 3000Ω

Static measurement range	-50 mmHg to +360 mmHg -6.7kPa to +48.0kPa	SEV	0 to 10%	± (0.15% + 5% of reading)
Static measurement accuracy	±0.3kPa (±2mmHg) or ±2% whichever is the greater (without sensor)	DES	0 to 22%	± (0.15% + 5% of reading)
Dynamic measurement range	-50 mmHg to +360mmHg -6.7kPa to +48.0kPa	awRR range	0 rpm to 150 rpm	
Dynamic measurement accuracy	±0.3kPa (±2mmHg) or ±2% whichever is the greater (without sensor)	awRR accuracy	±1 rpm	
Resolution	1 mmHg	C.O. (option)		
Unit	mmHg, kPa, cmH2O	Measurement range	C.O.	0.1 L/min to 20 L/min
Frequency Response	0 Hz to 10 Hz		TB	23.00°C ~ 43.00°C
PPV			TI	-1.0°C ~ 27.0°C
Measurement range	0% ~ 50%	Resolution	C.O.	0.1 L/min
Resolution	1%		TB	0.01°C
PR		Accuracy	TI	0.1°C
Measurement range	30bpm ~ 300bpm		C.O.	±5% or ±0.1L/min, whichever is greater
Resolution	1bpm	Temperature	TB	±0.1°C
Resolution	±1% or ±1bpm, whichever is greater	Standard	TI	±0.1°C
CO₂ (Option)		Parameter		
Standard	ISO 80601-2-55	Probe		
Measurement parameter	EtCO ₂ , FiCO ₂ , CO ₂ waveform and awRR	Measurement site		
Measurement method	Mainstream, Sidestream/Microflow	Measurement range		
Unit	mmHg, Kpa and %	Accuracy		
EtCO ₂ /FiCO ₂ range	0% ~ 19.7% (0mmHg ~ 150mmHg)	Resolution		
Accuracy	±(0.43% + 8% of reading)	Unit		
Resolution	0.1% or 1mmHg	Minimum accurate measuring time		
awRR range	0 ~ 150 bpm	DM (option)		
Accuracy	±1 bpm	Liquid stop function:		
Resolution	1 bpm			
awRR alarm range	0 ~ 150 bpm, high/low limit can be adjusted continuously	Unit		
Sampling frequency and accuracy of gas (only sidestream):		Measurement range		
C1	50 ml/min ~ 200ml/min, ±10%, can be adjusted.			
Other sidestream CO ₂	50 mL/min±10mL/min	Drip accuracy		
Response time	Sidestream CO ₂ : < 3s Mainstream CO ₂ : < 1s	Resolution		
AG (option)		Data storage		
Standard	ISO 80601-2-55	Trend data		
Measurement mode	Mainstream, Sidestream			
Parameters	Fraction of End-tidal Gas (Et), Fraction of Inspiration Gas (Fi), airway respiration rate (awRR) of Halothane (Hal), Enflurane (Enf), Isoflurane (Iso), Sevoflurane (Sev), Desflurane (Des), CO ₂ , N ₂ O, O ₂ (only applicable for ISA OR+ module)	Parameter alarm event		
Resolution	Hal, Enf, Iso, Sev, Des, CO ₂ : 0.1% N ₂ O, O ₂ : 1%	ARR events		
Warm up time	< 20s	NIBP result		
Total system response Time: Mainstream: < 1s, Sidestream: < 4s		Holographic waveform		
Sampling rate of sidestream anesthesia gas	50mL/min±10mL/min			
Measurement range and accuracy of gas				
Gas	Range (%) Accuracy			
CO ₂	0 to 15% ± (0.2% + 2% of reading)			
N ₂ O	0 to 100% ± (2% + 2% of reading)			
ISO, ENF, HAL	0 to 8% ± (0.15% + 5% of reading)			

Option Module:

2-IBP module, 2-Temp module, Nellcor SpO2 module, BLT Provet SpO2, Masimo SpO2 Module, Sidestream CO2 module, MicroFlow CO2 module, Mainstream CO2 module, Mainstream / Sidestream AG module, Suntech NIBP module, C.O. module, DM module, Voice assistant module, BIOLINK module

Other option:

Thermal Printer, Bluetooth BLE 5.1, Rolling stand, Wall mount, External Display, Wireless Lan (Wifi), Analog Output (ECG or IBP)

*Specifications subject to change without prior notice.

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