

AIVIEW TABLET MULTIPARAMETER MONITORS

ECG, TEMP, SpO₂, PR, NIBP

ECG, TEMP, SpO₂, PR, NIBP, RESP



54400
+
54420

54405
+
54420

FOR OUTPATIENT, TRIAGE DESK,
EMERGENCY, WARD ROUNDS

FOR INPATIENT WARDS,
CLINICS, EMERGENCY DEPARTMENTS



- 54400 AIVIEW VS TABLET VITAL SIGNS MONITOR - adult, paediatric
- 54405 AIVIEW VX TABLET VITAL SIGNS MONITOR - adult, paediatric, neonatal

Portable AIVIEW monitors have an advanced technology and innovative patented design to streamline caregivers' workflow and improve work efficiency. Both monitors are intended to be used for monitoring, displaying, reviewing and storing multiple physiological parameters: RESP (54405 only), ECG, TEMP, SpO₂, PR and NIBP.

Various combinations of functions and parameters can meet the needs of different clinical scenarios.

- ultra-thin 2.2 cm main units with concealed handle
- ultra-light and tablet design: 1.35 kg (battery included)
- unibody accessory design: one cable for connection of 4/5 lead ECG, SpO₂ sensor and TEMP sensor
- Early Warning Score EWS to recognize early signs of clinic deterioration, compliant with NEWS2, MEWS, CART International early warning score
- wireless connection to a central monitoring station (54405 only)
- 10.1" high resolution touch display: 1280x800 pixel
- intuitive User Interface (UI) design: access to most functions in 2 steps or fewer
- built-in camera scanner: quick input patient information
- innovative NIBP pump valve design

STANDARD ACCESSORIES

NIBP adult cuff (25-35 cm)	Multifunction connection cable
ECG cable	SpO ₂ adult probe (1.3 m)
4 (54400) or 5 (54405) electrodes	Power adapter
Bluetooth ear/forehead thermometer (54400)	1.5 m AC cable
Skin TEMP probe (54405)	User manual GB, FR*, IT, ES*, PT*, DE*, RU*

*Only available on www.gimaitaly.com

TECHNICAL SPECIFICATIONS

Device	Operating mode:	continuous	Wavelength:	red light: 660 nm, infrared light: 905 nm
Voltage:	AC 100-240 V; 50/60 Hz		Perfusion index (PI):	Maximum optical output power: ≤2 mW
Input power:	0.6 A-0.2 A		PR	0.1% - 20%
Battery:	built-in lithium-ion rechargeable battery, 5000 mAh		Display range:	30-250 bpm
Battery life:	≥ 360 min, when fully charged		Measurement range from NIBP:	0-250 mmHg; ±3 bpm or ±3%, whichever is greater
Charging time:	5 hours when off, 13 hours when on		Measurement range from SpO ₂ :	30-250 bpm; ±2 bpm or ±2%, whichever is greater
Size - weight:	254x185x28 mm - 1.4 kg		Temp	
Colour LCD screen:	10.1", 1280x800 pixels, with multi-touch capacitive panel		Measurement range:	0.0-50.0°C; ±0.1°C
Camera:	colour CMOS camera, 8 M pixels, 3264x2448		Measurement method:	infrared thermal temperature (54400)
Records (with-without ECG):	70,000 sets - 550,000 sets (only 54400)			skin temperature (54405)
Data storage:	trend data: 240 hours x patient (only 54405)		Measurement time:	1 s (54400), <150s (54405)
ECG			NIBP	
Leads:	4-electrode leads: I, II, III, aVR, aVL, aVF (54400)		Maximum single measurement:	adult/pediatric <180 s; neonate <90 s (54405 only)
	5-electrode leads: I, II, III, aVR, aVL, aVF, V (54405)		Static measurement range:	0-300 mmHg; ±3 mmHg
Waveform sweeping speed:	6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s		Initial inflating pressure:	adult: 80 mmHg-280 mmHg
Sampling rate:	500 Hz			pediatric: 80 mmHg-210 mmHg
CMRR:	≥90 dB		NIBP measuring range:	SYS: 25-290 (adult) DIA: 10-250 (adult)
Differential input impedance:	≥10 MΩ			25-240 (pediatric) 10-200 (pediatric)
Input signal range:	-10.0 mV to +10.0 mV (peak-to-peak value)		MAP:	15-260 (adult)
HR measuring range:	adult: 15-300 bpm, ±1 bpm whichever is greater			15-215 (pediatric)
	pediatric: 15-350 bpm, ±1 bpm whichever is greater		Resp (54405 only)	
	neonate (54405 only): 15-350 bpm, ±1 bpm whichever is greater		Measuring range:	adult: 0-120 rpm; pediatric/neonate: 0-150 rpm
SpO ₂			Waveform gain:	×0.125, ×0.25, ×0.5, ×1, ×2, ×4
SpO ₂ measurement range:	0-100% ± 2%		Waveform speed:	50 mm/s, 25 mm/s, 12.5 mm/s, 6.25 mm/s

AIVIEW VS monitor for spot check

It supports two work modes: spot-check mode and round mode. Spot-check mode: supports fast record of vital signs, one click to save and switch to the next patient.

Round mode: creating patient information and nursing records in advance for fast ward round and modifying records.

AIVIEW VS supports **automatic ECG diagnosis** with Carewell algorithm allowing cardiologists to edit the diagnostic results and also supports printing ECG report with the thermal printer and export report in PDF form.

AIVIEW VX monitor for continuous monitoring

It supports one monitoring mode: real-time waveform and data for continuous monitoring of patients.

GIMA code	ACCESSORIES AND SPARES	
54401	4 lead ECG cable for 54400 - spare	54422
54406	5 lead ECG cable for 54405 - spare	
54407	Multifunction connection cable - spare	
54420	Charging & printer base for 54400, 54405 - opt.	
35141	Paper roll 5.1 cm x 12 m - box of 5	
54422	Trolley for 54400, 54405 - needs 54420 - opt.	
35323	Central station software - optional for 54405	
25615	Bluetooth thermometer for 54400 - spare	
NIBP CUFFS		
54410	NIBP cuff neonate 6-11 cm only for 54405 - optional	
54411	NIBP cuff infant 10-19 cm - optional	
54412	NIBP cuff pediatric 18-26 cm - optional	
54413	NIBP cuff adult 25-35 cm - spare	
54414	NIBP cuff adult large 33-47 cm - optional	
SpO ₂ PROBES		
54416	SpO ₂ probe 1.3 m pediatric - soft - optional	
54417	SpO ₂ probe 1.3 m adult - spare	

