Technical Specification

Physical Specification Dimensions 250x180x180 mm Net weight 1.9kg (including battery) Display LED + 3.2" LCD (320x240dpi)		i)	SpO2 (Nellcor) Measuring range Resolution Precision	0∼100% 1% Adult/Pediatric	RESP Method: Operation Mode: RR Measurement R				
Power Supply DC: AC: Internal battery:	100-240V (9 – 15V Rechargea			Pulse rate Measuring and Alarm R	70%~100% Neonatal 70%~100%	± 2% ± 3%	Resolution: Precision: Apnea alarm threshold:	1rpm ±2% 10s, 15s, 20s, 2	0-120 rpm atal 0-150rpm 25s, 30s, 35s, 40s
Battery working period: 5 hours 10 hours (optional)				25~250 bpm Resolution 1 bpm		Alarm:	Audio and visual, Alarm event recallable		
Data Strorage 120 patient data storage (4000 alarm data/patient			ant	Precision ±3% or 2bpm			EtCO2 (GH MainStream or Side/MicroStream)		
and 1500 hours t	trend review	r)	2110	SpO2 (Masimo) Measuring range	0~100%		Sample Rate : (SideStream)	50 ml/min	
NIBP Method: Mode:	Oscillomet			Resolution Precision	0.1% Adult/Pediatric 70%~100%	± 2%	Measuring Range:	CO2: 0~! RESP: 0~	150 brpm
Measuring Interv	al in auto m 1~480(min	ode:			Neonatal 70%~100%	± 3%	Resolution:	CO2: 1 m RESP: 1 b	rpm
Pulse Rate Range: 25~250 (bpm) Measuring range:				Pulse rate Accuracy: Aeasuring and Alarm Range 25∼250 bpm		Accuracy:	RESP: 1 b	nmHg + 2% of readings rpm (0~70bom),	
wedding range	Adult Mode SYS DIA	e 50~255 (mmHg) 25~195 (mmHg)		Resolution Precision	1 bpm ±3% or 2bpm		EtCO2 (Phasein Ma		rpm (others)
	MEAN	30~215 (mmHg) Neonatal Mode		Temperature (Skin) Channel	4		Co2 Range(IRMA): Accuracy:	0 ~ 99 mmHg	
	SYS DIA	50~135(mmHg) 25~110(mmHg)		Measuring and Alarm Rai	0~50°C		Rise Time:	IRMA CO2 < ISA CO2 < 2	90 ms
Resolution: Precision:	MEAN 1 mmHg	30~125(mmHg) g e error: ±5mmHg		Resolution Accuracy	0.1 °C 0.1 °C (25~45°C)		System Response Time	: IRMA CO2 < ISA CO2 < 3	1 sec sec
Overpressure Pro	Max stand	ard error: ±8mmH		Actualization interval Average Time Constant	1 second < 10 second		Breath Detect	Adaptive thresthold minimum 1vol% CO2 change	
	Adult Child Newborn	290~300 mmHg 215~225 mmHg 145~155 mmHg		Temperature (Oral) Channel Measuring and Alarm Rai	1		Respiratory Rate: EtCO2 (Oridion Micon Mi		
NIBP (SunTech) Method: Oscillometric				Resolution 0.1 °C Accuracy 0.1 °C Actualization interval Average Time Constant 4 second (cral) 10 second(children axillary)			CO2 Range:	0~150mmHg 0~20 Vol %, 0~20 kPa 0~38 mmHg	
Mode: Manual, Auto, Continuous Measuring Interval in auto mode: 5~480mins 15 options						Accuracy:	39~99 mmH ±(5% of rea	g ding + 0.08% for	
Pulse Rate Range: 25~250 (bpm) Measuring range:				15 second(adult axillary) 10 second (rectal)			100~150 mn ±(5% of read	ding + 0.08% for	
Adult Mode SYS 40-260(mmHg) DIA 20~200(mmHg) Pediatric				Temperature (Infrared) Channel 1 Measuring and Alarm Range 34~42.2°C Resolution 0.1 °C			Sampling Flow Rate: Initialization Time:	nitialization Time: Typically 30 seconds to obta both reading and waveform.	
	SYS DIA Neonatal	40~160(mmHg) 20~120(mmHg) :		Accuracy Actualization interval	0.2 °C (36~39°C), 0 1 second < 10 second	.3°C (other)	Respiration Rate:	At full accur appears. 0~150 breat Adult, Pedia	
Resolution: Precision:	SYS DIA 1 mmHg Avg. < 3	40~130(mmHg) 20~100(mmHg) mmHg		ECG Leads: Channels:	3/5 leads 7 synchronization ch	annels	Printer Plug & Play type		
Overpressure Protection: Yes			Plus:	(I II III aVR aVL aVF V) 5mm/mV ± 5%, 10mm/mV ± 5%, 20mm/mV ± 5%		Speed: 12.5/25/50 mm/s		/5	
SpO2 Measuring Rang	g:	0~100% 1% Adult/Pediatric 70%~100%	± 2%	Sweep rate: 50mm/s ± 10% Range of heart rate monitoring: 20~350bpm (± 1%) Range of arrhythmia alarm: the same of measurement rai			Network Connection ent range,	LAN Ethernet WLAN WIFI (optional) Telephony CDMA/GPRS (optional)	
Resolution: Precision:									
Pulse Rate		Neonatal 70%~100%	± 3%		error ≤± 5%	. 0.7	I/O interface	RJ-45	
Measuring Rang Resolution Accuracy	ge	25~240bpm 1 bpm ± 3% or 2bpm						SD card socke	t

 $\label{lem:Remark:Features} \textbf{Remark: Features and specifications are subject to change without prior notice}$





GHEALTH

Innovative & Reliable

IRIS

Vital Sign Monitor



GHEALTH











Measurement Technologies

NIBP: Optional SunTech

SpO2: Optional Nellcor and Masimo

Temperature: Skin, Infrared and Oral fast temperature

ECG: 3/5 Leads IEC and AHA standards

EtCO2: Phasein Mainstream and Sidestream

3F Mainstream, Sidestream (Microstream)

Capacity of Data Storage

Data Storage and Review: 1500 hours trend data and 4000 groups

of 120 patient data storage and review.

Alarm Review: at least 3500 groups of alarm

External Storage: SD card

Battery Backup

Continuous Working Time: 5 hours (standard)

10 hours (optional)

Anti-drop

Special Design for Anti-Drop from 1.5 meter high to concrete floor

 ${}^\star \text{The anti-drop feature}$ is not guaranteed by manufacturer, neither covers by manufacturer's guarantee or warranty terms.

Configurations

Configur	ration I	NIBP	SpO2	Temperature	ECG	EtCO2
IRIS 1	00	•				
IRIS 1			•			
IRIS 2	.00	•	•			
IRIS 3		•	•	•		
IRIS 4	00	•	•	•	•	
IRIS 4	10/42	•	•	•		•
IRIS 5	00/510	•	•	•	•	•

Telephony Network Solutions

The real-time data transfer through telephony network makes the geograph no longer the limit of monitoring a patient. Wherever the patient is, in the ambulance or at home, the data will be always transferred to the hospital for observation and analysis, which makes non-gap ambulatory patient monitoring becoming true and also the home-care monitoring as well.



LAN/WLAN Network solutions

The central monitoring station suppors the connection with up to 128 bedside monitor through Ethernet or Wifi; bidirectional control and bed-to-bed view functions minimum the works of patient monitoring; dual screen display expanded the observation of patient information.



Various Mounting Solutions



Bed Rail or Pole Rack



One-Step Quick Release Dock

