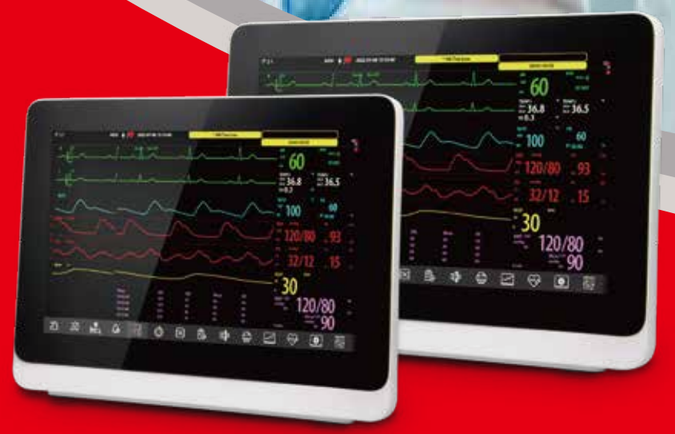
Patient Condition In one Glance

Prime Innovation for Medical Application

Porthos Series Patient Monitor

10inch | 12inch | 15inch

ZUG® MEDICAL SYSTEMS



Overview

The Porthos series patient monitor are designed to meet the daily clinical needs about the Sub-intensive patient monitoring.

Features

Excellent Performance :

- LowPulseStr™ SPO2 algorithm more reliable readings of SPO2 during low perfusion and motion.
- iFastBP™ NIBP algorithm used for fast and comfortable measurement.
- wSmartHeart™ ECG technology for more safey monitoring of patient.
- iRealResp™ Breating rate technology to get the real reading during motion.
- wSmartGas™ Capnograph technology to get reliable reading during multi-environment.

Powerful functions

- Multi display mode other beds view/Big font.
- Wifi connectivity more flexible application.
- 10,12,15inch screen can be optional.
- Easy to use with excellent usability.

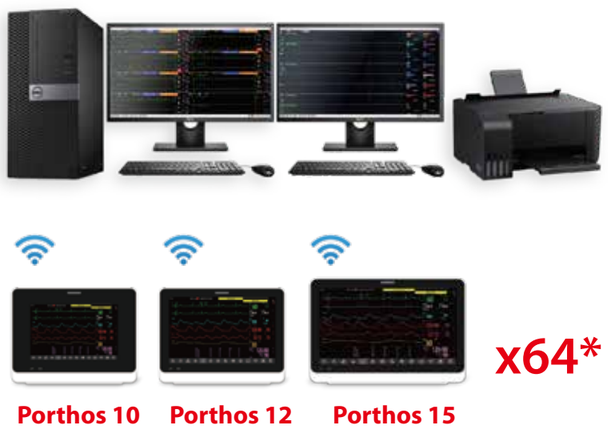
  eTeleView™ Central Montior system support.
- Smart touch screen for easy operation.

Multi-scenario applications : Sub-intensive care/bedside care

Product optional guide

Standard applications	Optional applications
3/5 leads ECG	12 Leads ECG
NIBP	IBP*2
RESP	EtCO2 (Mainstream , TiniStream),
SpO2	Central monitor
PR	Recorder
HR	
TEMP	

CENTRAL MONITORING SYSTEM



Central Monitoring System supports up to 64 beds or 64 patients across clinical units at the same time.

72 hours of 64-channel holographic physiological waveform storage and review.

Provides review of up to 240 hours trend data storage, 720 alarm events per beds.

Bi-directional communication with Portos Series monitors for enhanced patient care.

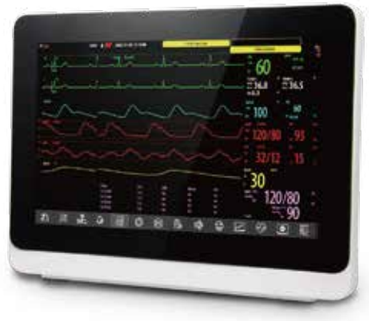
PRODUCT SPECIFICATIONS

GENERAL

Dimensions : 10 inch (31cm*14cm*24cm)
12 inch (31cm*14cm*24cm)
15 inch (39cm*15cm*26cm)

Weight : 4.5kg

Screen size : 10 inch, 12 inch and 15 inch



PARAMETER

SPO2

SPO2 Range : 0~100%
SPO2 Accuracy : 70~100 %, ± 2% <70 %, Undefined
PI Range : 0~20 %
PVI Range : 0.001 %
PR Range : 25-250bpm
PR Accuracy : ±2 bpm or ±2 % (whichever is greater)

ECG

ECG Range : 0.15~5.5 mV
ECG Resolution : 2.36 uV/LSB
HR Range : 15~300 bpm (adult) 15~350 bpm (child/neonate)
HR Accuracy : ±1 bpm or ±1 % (whichever is greater)
RR Range : 0~120 bpm
RR Accuracy : 15~120 rpm : ±2 rpm or ±2% <15 rpm : Undefined

TEMP

Range	0-50°C
Accuracy	±0.1°C
Resolution	0.1°C

NIBP

Pressure Range	0~300 mmHg		
Pressure Accuracy	±2 mmHg or ±1% of reading (take the larger value)		
Resolution	1 mmHg		
SYS Range	Adult : 40-270 mmHg	Pediatric : 40-200 mmHg	Neonate : 40-130 mmHg
DIA Range	Adult : 10-210 mmHg	Pediatric : 10-162 mmHg	Neonate : 10-90 mmHg
Mean Range	Adult : 20-230 mmHg	Pediatric : 20-170 mmHg	Neonate : 20-100 mmHg
Accuracy	The mean deviation <± 5 mmHg	The standard deviation <8 mmHg	

RESP

Range	0-120 Rpm		
Accuracy	15-120 Rpm	±2 Rpm or ±2% of the reading (whichever is larger)	Others, undefined
Resolution	1 Rpm		

IBP (Optional)

Pressure Range	-50~350 mmHg
Accuracy	±3 mmHg or ±1% of reading
PR Range	25-250 bpm
PR Accuracy	±2 bpm or ±2% (whichever is greater)

EtCO2 (Optional)

CO2 Range	0~20.0 vol%		
CO2 Accuracy	0~12 vol% : ±(0.2 vol% +2% of reading)	12~20 vol% : ±(0.2 vol% +6% of reading)	
AwRR Range	0~150 rpm		
AwRR Accuracy	mainstream : 0~150 rpm, ±1 rpm	Sidestream : 0~69 rpm,±1rpm	70~150 rpm, Undefined