Functions	CentralStaiton	CentralStaiton Server Edition*	WorkStation	ViewStation	CMS Viewer	Mobile Viewer
Manage networked devices	Yes	Yes	No	No	No	No
Store monitoring data locally	Yes	Yes	No	No	No	No
Admit/Discharge /Transfer patients	Yes	No	Yes	No	No	No
Manage alarm	Yes	No	Yes	No	No	No
Change monitoring devices' settings	Yes	No	Yes	No	No	No
Give visual and audio alarm indicators	Yes	No	Yes	Yes	Only visual	Only visual
Perform real-time monitoring	Yes	No	Yes	Yes	Yes	Yes
Change display settings	Yes	No	Yes	Yes	Yes	Yes
Review online patients	Yes	No	Yes	Yes	Yes	Only events
Review discharged patient	Yes	No	Yes	Yes	Yes	No
Print reports	Yes	No	Yes	Yes	Yes	No

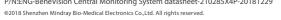


BeneVision™ **Central Monitoring System**









System Components Software		Telemetry ECG		Calculation	100 1 1 1 1 1 1
CentralStation	System center which connects bedside devices	ECG vector	I, II, III, aVR, aVL, aVF, V/V1, V2, V3, V4, V5, V6	Hemodynamics	100 calculations for review
Centralstation	and other remote access devices	Algorithm	Mindray	Oxygenation	100 calculations for review
WorkStation	Remote station with interactive capability	ARR detection	Asystole, VFib/VTac, Vtac, Vent. Brady, Extreme Tachy, Extreme Brady, PVCs/min, Pauses/min, R	Ventilation Renal	100 calculations for review 100 calculations for review
ViewStation	Remote station with the view-only capability		on T, Run PVCs, Couplet, Multif. PVC, PVC,	Reliai	100 Calculations for Teview
CMS Viewer Windows based remote access software running on PC			Bigeminy, Trigeminy, Tachy, Brady, Pacer Not	Clinical Assistant Applic	cation
			Pacing, Pacer Not Capture, Missed Beat, Nonsus.	ST Graphic	ST histogram and ST vectogram
Mobile Viewer	Remote access software running		Vtac, Vent. Rhythm, Pause, Irr. Rhythm and Afib	HemoSight	All hemographic data, spidervision
	on mobile device	ST analysis	Supported	ABPM	Analysis and report printouts supported
Mobile Server		QT analysis	Supported	24 hours ECG Summery	Statistics and report printouts supported
	with CentralStation for Mobile Viewer remote access		Supported	PACE View	Pace Magnifier and Spike Magnifier
		Alarm		EWS	Continual EWS score and dashboard
Hardware		Category	Physiological alarm, technical alarm, and system	2443	Continual EVV3 Score and dashibodia
Main unit	Traditional PC	category	prompt	Data Interface	
	All-in-one PC with 23-inch touch screen	Priority	High, mediate, low and message	Connection Interface	Integrated eGateway or standalone eGateway
	1U Blade Server	Notification	Audible and visual	ADT	Support getting patient demographics from
	Mini PC	Remote control	Alarm switch, alarm limits, alarm priority,	ND1	ADT system
Display	24-inch TFT LCD screen	nemote control	alarm pause, and alarm reset	CIS/EMR	Support physiological parameters output
	23-inch PCT touch screen	Alarm analysis	Support alarm statistics	CIS/EIVIII	Support PDF/XML- format reports output
Printer	Network laser printer	7 Harri ariary 515	Support didini statistics	ECG System	Support full disclosure output
UPS	1000 VA, 220V / 50Hz	Review		Led System	Support XML-format 12 leads-report output,
recorder	3-channel thermal recorder	Trend review	Most recent 240 hours of tabular trends and		sample rate of 1000Hz for BeneVision N & ePM
			graphic trends for all parameters		series patient monitor and of 500Hz for other
		Full disclosure	Most recent 240 hours of full-disclosure		patient monitors
Main System Softwar	e Specifications	r an alberobare	waveforms and compressed waveforms	Alarm system	Support alarm events output
Basic		Events	Most recent 3000 events, including the	Time	Support synchronizing with NTP server
Components	CentralStation(CS), WorkStation(WS),	270.10	parameter name and 16-second waveforms		Support synchronizing with eGateway
	ViewStation(VS)		before and after an alarm is triggered		
Number of devices	Up to 64 monitoring devices per station	NIBP review	Most recent 3000 NIBP measurements	Minimum Runtime Environment	
	Up to 128 monitoring devices for CentralStation	C.O. review	Most recent 720 C.O. measurements	CPU 4 cores and 2.9 GHz or above	
	Server Edition*	OxyCRG review	Most recent 48 hours OxyCRG	RAM	4GB or above
Devices supported	BeneVision N series, BeneView T	12-lead review	Most recent 720 12-lead analysis results, with 12		At least 16G when eGateway is integrated with
	series, iPM series, iMEC series, uMEC series, PM		analysis waveforms for each analysis result		CS and full disclosure output is supported
	series, MEC series, ePM Series patient monitors	ST review	Most recent 240 hours of ST segments	Hard drives	CS: 500G or above
	VS series vital signs monitors	Historic review	At least 200 discharged patients' data depending		WS/VS: 100G or above
	TMS-6016, BeneVision TM80/TD40 telemetry		on the storage volume	Networking	Ethernet 802.3
	BeneHeart series defibrillator	Minitrends	Most recent 8 hours for all parameters	3	100M or above self-adapted
Integrated devices	Devices (such as Ventilators, anesthesia			Graphic card	Support dual or multiple displays
	machines) connected to patient monitors via the	Reports		Speaker	Built in the host computer or display
	Benelink module	Style	Paper and paperless (PDF file) report	·	45 to 85dB alarm tones
D: 1		Size	A4 or letter	USB port	two or more
Display	1000 1000 1000 1001	Туре	Titration table report, hemodynamic calculation	Operating System	Windows 7/10 or Window Server
Resolution	1920x1080, 1280x1024		report, oxygenation calculation report,		2008/2012/2016
Max number of displays			ventilation calculation report, renal calculation		
Display config	Up to 36 patients on one display with 1920x1080		report, graphic trends report, tabular trends	CMS Viewer's Specifications	
	resolution		report, full disclosure overview report, full	Operating System	Windows 7/10 or Window Server
	Up to 16 patients on one display with 1280*1024		disclosure detail report, waveform segment		2008/2012/2016
Traco	resolution Up to 8 waveforms per patient in the sectors		report, event report, event list report, 12-lead	Resolution	Self-adaptation
Trace	Up to 12 waveforms for specific patient in the		interpretation report, multi-lead ECG report, ST		Optimum 1920x1080
	ViewBed window		report, QT report, Arrh statistics report, OxyCRG	Number of patients	View one patient at one time
Patient sector layout	Normal Screen, Big Numerics		report, OxyCRG review report, OxyCRG event	Review	Tabular trends, graphic trends, events, full
ViewBed screen layout	Normal Screen, Dig Numerics Normal Screen, OxyCRG, Minitrends, Integrated		summary report, OxyCRG event detail report,		disclosure, 12-lead ECG, ST, Arr statistics,
viewbed sciedii iayout	Devices, ECG Full-Screen, ECG 12- Lead, EWS		realtime report, print on alarm report, EEG report,		OxyCRG
	Devices, Lea Full Scienti, Lea 12 Leau, LVV3		CSA report, hemoSight parameters report, alarm		
Parameters and Wavefo	orms		limits report, pace view report, summary report,	Mobile Viewer's Spec	
naturated and waveld			freeze report, defibrillator selftest report, ECG	Android system	Android 4.4 or above

HR, ST, PVCS, QT/QTc, RR, SpO₂, PR, NIBP, TEMP, IBP,

RM, BIS, EEG, NMT, rSO₂, parameters from integration ECG, Pleth, Resp, CO₂, IBP, O₂, N₂O, Agent, ICG,RM,

CO, EtCO₂, Multi-gas, O₂, N₂O, CCO, ScVO₂, ICG,

BIS, pArt/pCVP, EEG

Parameters

Waveforms

24H summary, typical strips, CPR report,rescue

report, system settings report

4 core and 1.3GHz CPU or above

1.5GB RAM or above

iOS System iOS 9.2 or above

iPhone 6/plus or above

iPad mini 2 or above

Resolution Self-adaptation optimum 1920*1080

Number of patients View up to 32 patients simultaneously

ViewBed View parameters and waveforms monitored. Alarm events, arrhythmia events, manual events, Events

operation-related events

Event Notification Support vibration and sound

Support configuring trigger condition Require Android 5.0 or above

Not supported by iOS

Mobile Server Specifications

Standalone Mobile Server

Operating System Windows 7/10 or Window Server 2008/2012/2016

CPU 4 cores and 2.9 GHz or above

RAM 4 GB or above Hard drives 500GB or above

Number of beds Up to 600 beds can be connected simultaneously

Number of Mobile Viewer Up to 500 Mobile Viewers can be connected

simultaneously

Integrated Mobile Server

Number of beds Up to 64 beds can be connected simultaneously Number of Mobile Viewer Up to 200 Mobile Viewers can be connected

simultaneously

Network Specifications

Infrastructure

Topology 3-layer network supported, applicable for both

hospital networks and dedicated networks

Up to 1200 bedside monitoring devices for the Scale

whole network

Wired, wireless, and dedicated WMTS network Type

IP config DHCP and DNS supported

Communication quality QoS supported

LDAP authentication supported Security

SSL encryption supported

McAfee antivirus application (Solidcore Solidifier)

Raid 1 supported

Safety

Backfilling data supported Redundancy supported

Virtualization VMware supported

Environmental Specifications

Temperature Operating: 10 to 35°C (50 to 95°F)

Non-operating: -30 to 60°C (-22 to 140°F)

Humidity

Operating: 10% to 90%

Non-operating: 5% to 95%

Operating: 10,000 ft (3048 m) Altitude Non-operating: 30,000 ft (9144 m)

*means for the area only regire CE