37.6 PCO2
94 %SpO2
1.2
57 PR

Dräger
GE Healthcare
mindray
PHILIPS
SPACELABS HEALTHCARE

Patient
Monitoring
Systems
(PMS)

capsule
Dräger
Stowood
TZM

Patient Data
Management
Systems
(PDMS)

CIDELEC
PHILIPS
nox medical

Polysomnographic
 and Polygraphic
Systems
(PG/PSG)

Air Liquide HEALTHCARE
BREAS
EOVE
PHILIPS

Ventilators

Connectivity

Integrate the Sentec Digital Monitor into
your existing infrastructure for efficient
patient surveillance and data recording

Patient Monitoring System (PMS)

The Sentec Digital Monitor offers two digital interfaces for robust and reliable data transmission to a wide range of Patient Monitoring Systems.

Manufacturer	Devices	Required Software Version	Required Sentec Software Version					
			SMB V07.02.x	SMB V07.03.x	SMB V08.00.x	SMB V08.01.x	SMB V08.02.x	SMB V08.03.x
Dräger	Infinity® Delta		✓	✓	✓	✓	✓	✓
	Infinity® Delta XL		✓	✓	✓	✓	✓	✓
	Infinity® Kappa		✓	✓	✓	✓	✓	✓
	Infinity® Omega Serie		✓	✓	✓	✓	✓	✓
GE Healthcare	Carescape B450	V 2			✓	✓	✓	✓
	Carescape B650	V 1			✓	✓	✓	✓
	Carescape B850	V 1			✓	✓	✓	✓
	Solar 8000 M	V 4A			✓	✓	✓	✓
	Solar 8000 i	V 4E			✓	✓	✓	✓
	Dash 5000	V 3A			✓	✓	✓	✓
Mindray	BeneView T5/T6/T8/T9	5.25 or higher			✓ 〜	✓ 〜	✓ 〜	✓ 〜
	BeneVision N12, N15, N17, N19, N22	V2.0 or higher			✓ 〜	✓ 〜	✓ 〜	✓ 〜
Philips	IntelliVue MP 40/50/60/70/80/90 or MX 600/700/800 with VueLink Interface	all SW Versions	✓	✓	✓	✓	✓	✓
	IntelliVue MP 40/50/60/70/80/90 or MX600/700/750/800/850 with IntelliBridge EC10	H.15 or higher	✓	✓	✓	✓	✓	✓
	IntelliVue MX400/450/500/550 with IntelliBridge EC10	all SW Versions	✓	✓	✓	✓	✓	✓
Spacelabs Healthcare	Spacelabs Flexport System UltraView SL (90442A-03)	v2.00.02EN	✓ 〜	✓ 〜	✓ 〜	✓ 〜	✓ 〜	✓ 〜

〜 Trend Data are available
● PCO_2, SpO_2, PR
● PCO_2, PO_2, SpO_2, PR
   PO_2 monitoring is only supported if
   PO_2 channel is enabled and OxiVent™ sensor is connected.
* with Retrospective Correction of Residual Drift

Patient Data Management Systems (PDMS)

The Sentec Digital Monitor can be connected to selected Patient Data Management Systems. We are continuously expanding our connectivity options in this area to simplify your patient data management.

Manufacturer	Devices	Required Software Version	Required Sentec Software Version						
			SMB V07.02.x	SMB V07.03.x	SMB V08.00.x	SMB V08.01.x	SMB V08.02.x	SMB V08.03.x	w RCRD *
Capsule	Medical Device Information Platform (MDIP)	Sentec A5.x and higher	✓		✓				
Dräger	Integrated Care Manager (ICM)	Version 9.2			✓	✓	✓	✓	
iMDsoft	MetaVision	V5 or higher			✓	✓	✓	✓	
Stowood	Visi – Download	140715 or higher			✓~	✓~	✓~	✓~	✓~
TZM	(via) UMG (to GE Healthcare's patient monitors)	V 1.0			✓	✓	✓		

Ventilators

The Sentec Digital Monitor is connectable to ventilators via serial interface.

Manufacturer	Devices	Required Software Version	Required Sentec Software Version					
			SMB V07.02.x	SMB V07.03.x	SMB V08.00.x	SMB V08.01.x	SMB V08.02.x	SMB V08.03.x
Air Liquide	Vendom 30/40	V2.05 or higher	✓~	✓~	✓~	✓~	✓~	✓~
Breas new	Vivo 45 Vivo 45 LS Vivo 45LS (US) NIPPY 4+	1.0.33 or higher 3.0.44 or higher 5.0.01 or higher 4.0.51 or higher	✓~	✓~	✓~	✓~	✓~	✓~
EOVE	EO-150	V 5.0.0 or higher	✓	✓	✓	✓	✓	✓
Philips new	Trilogy Evo, Trilogy Evo O2 and Trilogy EV300	1.06.02.00 or higher			✓~	✓~	✓~	✓~

Digital Connectivity to Polygraphic and Polysomnographic Systems (PG/PSG)

The digital interfaces on the Sentec monitor allow the transfer of high-resolution data signals to selected PG/PSG systems.

Manufacturer	Devices	Required Software Version	Required Sentec Software Version						
			SMB V07.02.x	SMB V07.03.x	SMB V08.00.x	SMB V08.01.x	SMB V08.02.x	SMB V08.03.x	w RCRD *
Cidelec	CID102L, CID102LB	2.2.4 or higher	✓~	✓~	✓~	✓~	✓~	✓~	✓~
	CID-LXe, CID-LXe-206d	2.2.4 or higher	✓~	✓~	✓~	✓~	✓~	✓~	✓~
	CID-LX, CID-LX-206d	2.2.4 or higher	✓~	✓~	✓~	✓~	✓~	✓~	✓~
Nox Medical	NOX A1	FW 1.1.6 and Noxturnal 5.1.3			✓~	✓~	✓~	✓~	
	NOX C1	FW 1.1.0 and Noxturnal 6.0.0 and higher			✓~	✓~	✓~	✓~	
	NOX T3	FW 1.6.1 and Noxturnal 5.1.3			✓~	✓~	✓~	✓~	

Analog Connectivity to Polygraphic and Polysomnographic Systems (PG/PSG)

Sentec offers a variety of adapter cables to connect PG/PSG systems via an analog interface.

Manufacturer	Devices	Sentec REF
Carefusion	SomnoStar Pro	PSG Cable E
Cidelec	CID102L8-D	PSG Cable P
Compumedics	E-Series	PSG Cable E
	Grael	PSG Cable E
	Siesta	PSG Cable G
	Somte	PSG Cable E
Dr. Fenyves & Gut	SleepDoc: Porti 7 (PG), Porti 8 (PSG)	PSG Cable D
	MiniScreen: PRO (PSG), plus (PG)	PSG Cable D
Natus	Comet/Aurora	PSG Cable E
	Comlab	PSG Cable H
	Deltamed Brain Box	PSG Cable J
	Deltamed Duo 44	PSG Cable H
	Embletta: Gold, MPR PG	PSG Cable L
	Embla: S7000/N7000	PSG Cable A
	Embla Titanium (Isolation Box)	PSG Cable E
	Embla Titanium	PSG Cable K
	Mdrive	PSG Cable N
	TXProxy	PSG Cable N
	PAIB2 interface box	PSG Cable F
Neurovirtual	Sleepvirtual	PSG Cable E
	BWII, BWIII	PSG Cable E
SOMNOmedics	SOMNOscreen	PSG Cable Q
Stowood	Visi-3, Visi-System	PSG Cable E
Philips Respironics	Alice 3/4/5/6: square plug	PSG Cable B
	Alice 3/4/5/6: round plug	PSG Cable F
Weinmann_MCC	SOMNOlab, SOMNOlab2	PSG Cable C

Please refer to the Sentec Digital Monitor (SDM) Menu 'Interfaces/Analog Outputs' for 'Channel-to-Parameter' assignment information.
For instructions to interface the SDM with polygraphic or polysomnographic systems please refer to the respective manufacturer's instructions for use and to the chapter 'Analog Outputs' in the Technical Manual for the SDM (HB-005752).

The Technical Manual is available as a PDF on our website under https://www.sentec.com/ifu/

Care with
Confidence

Wide range of connectivity options

The Sentec Digital Monitoring System (SDM) provides
a wide range of connectivity options to bedside monitors,
ventilators, PCs, nurse call systems, chart recorders or
data loggers. Patient data acquired by the SDM can be
output through the multipurpose I/O-port (analog output;
nurse call) **1** , the serial data port (RS-232) **2** or the LAN
port **3** , all located on the rear panel of the SDM.
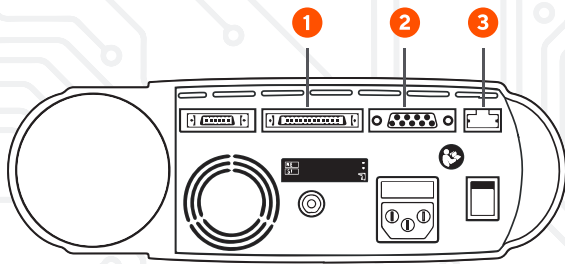
Sentec Connectivity Support Team

Let's connect.

Our dedicated Connectivity Support Team continuously
upgrades and expands connectivity options to advance
noninvasive patient monitoring and enhance therapy decisions.

If you need support, please contact your
local Sentec representative or send an e-mail to
connectivity@sentec.com.

Please visit www.sentec.com for more information.

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Note: This is a global overview an may contain
information on products not released in all
markets/countries. Information is subject to
change without notice.

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