

Device Interfacing Solution

Open connectivity for
GE Datex-Ohmeda monitors



The Device Interfacing Solution allows you to interface external medical devices to GE Datex-Ohmeda monitoring systems. Devices such as ventilators, anesthesia machines, stand-alone monitors, blood gas analyzers and heart-lung machines can be interfaced.

Features

- Supports a wide assortment of devices
- Enables up to 10 external devices to be connected simultaneously
- A simple and cost-effective solution for integrating data onto a single screen
- Provides a seamless data transfer link between other manufacturers' patient care devices and GE Datex-Ohmeda monitoring systems
- Designed to be used both in operating rooms and intensive care units
- Integrates real time and trended parameter data from external devices for viewing on the monitor's display
- Information from external devices can be recorded, printed and included in anesthesia reports
- The modules are small enough to fit easily in an already cramped anesthesia workspace



Technical specifications

Components

Device-specific interfacing module

Device-specific cable

Bus cable

Compatibility

Interfaces via E-INT can be used simultaneously with the Device Interfacing Solution.

Up to 10 devices can be interfaced simultaneously with Anesthesia Monitor, Critical Care Monitor, Compact Anesthesia Monitor and Compact Critical Care Monitor and up to 4 with FM Monitor

One interfacing module is needed per device to be interfaced.

Anesthesia Monitor and Critical Care Monitor

Requires L-ANE01(A), L-ICU01(A) software or newer and B-UPI4/B-UPI4NET

Compact Anesthesia Monitor and Compact Critical Care Monitor

Requires L-CANE02(A), L-CICU02(A) software or newer

FM Monitor

Interfacing solutions listed below are compatible with L-FICU03 and L-FICU04 software versions: N-DISVIGIL v.01 or higher version, N-DISQVUE v.01 or higher version, N-DISOXIM3 v.01 or higher version, N-DISOPT v.01 or higher version

Physical specifications

Dimensions (H x W x D) 8.5 x 6.0 x 2.7 cm
(3.4 x 2.4 x 1.1 in)

Weight 0.1 kg (0.2 lb)

Interfaces with anesthesia systems and critical care ventilators

Parameters	DIS	N-DIS7900	N-DISEV4	N-DISPRIM	N-DIS7200	N-DIS840	N-DISS300	N-DISVENT **					
	Ventilator	7900 SmartVent™ ventilator	Evita® 4	Primus®	7200® Series Ventilator System	840™ Ventilator System	Servo® Ventilator 300	Avance®	Aisys®	Aestiva®	Aespire®	Engström® Carestation®	Centiva®
Device set values for trends	Vent.mode	•	•	•	•	•	•	•	•	•	•	•	•
	I:E ratio	•	•	•	•	•	•	•	•	•	•	•	•
	RR	•	•	•	•	•	•	•	•	•	•	•	•
	TV	•	•	•	•	•	•	•	•	•	•	•	•
	Pinsp	•	•	•	•	•	•	•	•	•	•	•	•
	InspPause	•	•	•	•	•	•	•	•	•	•	•	•
	PEEP	•	•	•	•	•	•	•	•	•	•	•	•
	FiO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	FG total flow	•	•	•	•	•	•	•	•	•	•	•	•
	AAid	•	•	•	•	•	•	•	•	•	•	•	•
	CMV freq set	•	•	•	•	•	•	•	•	•	•	•	•
	SIMV RR	•	•	•	•	•	•	•	•	•	•	•	•
	Plimit	•	•	•	•	•	•	•	•	•	•	•	•
	Pmax	•	•	•	•	•	•	•	•	•	•	•	•
	support pressure	•	•	•	•	•	•	•	•	•	•	•	•
pause time	•	•	•	•	•	•	•	•	•	•	•	•	
MV	•	•	•	•	•	•	•	•	•	•	•	•	
Tinsp	•	•	•	•	•	•	•	•	•	•	•	•	
(Measured) numeric values	FiO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	EtO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	FiO ₂ -EtO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	FICO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	EtCO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	FiN ₂ O	•	•	•	•	•	•	•	•	•	•	•	•
	EtN ₂ O	•	•	•	•	•	•	•	•	•	•	•	•
	FiAA	•	•	•	•	•	•	•	•	•	•	•	•
	EtAA	•	•	•	•	•	•	•	•	•	•	•	•
	AAid	•	•	•	•	•	•	•	•	•	•	•	•
	FiAA 2nd	•	•	•	•	•	•	•	•	•	•	•	•
	EtAA 2nd	•	•	•	•	•	•	•	•	•	•	•	•
	AAid 2nd	•	•	•	•	•	•	•	•	•	•	•	•
	TVexp	•	•	•	•	•	•	•	•	•	•	•	•
	TVinsp	•	•	•	•	•	•	•	•	•	•	•	•
	MV	•	•	•	•	•	•	•	•	•	•	•	•
	MVexp	•	•	•	•	•	•	•	•	•	•	•	•
	spont exp MV	•	•	•	•	•	•	•	•	•	•	•	•
	MVinsp	•	•	•	•	•	•	•	•	•	•	•	•
	RR	•	•	•	•	•	•	•	•	•	•	•	•
	RR CO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	Pmean	•	•	•	•	•	•	•	•	•	•	•	•
	Ppeak	•	•	•	•	•	•	•	•	•	•	•	•
	Pplat	•	•	•	•	•	•	•	•	•	•	•	•
	Static Pplat	•	•	•	•	•	•	•	•	•	•	•	•
	Raw	•	•	•	•	•	•	•	•	•	•	•	•
	Compl	•	•	•	•	•	•	•	•	•	•	•	•
	PEEP	•	•	•	•	•	•	•	•	•	•	•	•
	PEEPi	•	•	•	•	•	•	•	•	•	•	•	•
	PEEPtot	•	•	•	•	•	•	•	•	•	•	•	•
	PEEPe	•	•	•	•	•	•	•	•	•	•	•	•
	Static PEEPe	•	•	•	•	•	•	•	•	•	•	•	•
	Static PEEPi	•	•	•	•	•	•	•	•	•	•	•	•
Pulse Rate	•	•	•	•	•	•	•	•	•	•	•	•	
Pambient	•	•	•	•	•	•	•	•	•	•	•	•	
I:E ratio	•	•	•	•	•	•	•	•	•	•	•	•	
VO ₂	•	•	•	•	•	•	•	•	•	•	•	•	
VCO ₂	•	•	•	•	•	•	•	•	•	•	•	•	
EE	•	•	•	•	•	•	•	•	•	•	•	•	
RQ	•	•	•	•	•	•	•	•	•	•	•	•	
Waveforms	Paw	•	•	•	•	•	•	•	•	•	•	•	•
	Flow	•	•	•	•	•	•	•	•	•	•	•	•
	Vol Loops	•	•	•	•	•	•	•	•	•	•	•	•
	CO ₂	•	•	•	•	•	•	•	•	•	•	•	•
	O ₂	•	•	•	•	•	•	•	•	•	•	•	•
	AA	•	•	•	•	•	•	•	•	•	•	•	•

NOTE: Updated 7 May 2009. Subject to change without notice

+ Requires main monitor software level 04 or newer.

** N-DISVENT can also transfer clock time, AA consumption event and technical status messages. See N-DISVENT installation guide for more detail.

Heart-lung machines

Parameters	DIS	N-DISHL20
	Heart-lung machine	Jostra® HL-20
Device set values for trends	Bypass on	●
	Bypass off	●
	Aorta closed	●
Measured numeric values in trends	Aorta open	●
	Speed	●
	Flow rate	●
	Systolic pressure	●
	Diastolic pressure	●
	Mean arterial pressure	●
	FiO ₂	●
	FICO ₂	●
Cardioplegia amount	●	

Blood gas analyzers

Parameters	DIS	N-DISOPT
	Blood gas analyzer	Osmotech OPTI® CCA
Device set values for trends	Barometric pressure	●
Measured numeric values in trends	Temp	●
	pH	●
	PCO ₂	●
	PO ₂	●
	ctHb	●
	SO ₂	●
	HCO ₃	●
	BE	●
	Kalium (Potassium)	●
	Natrium (sodium)	●
O ₂ Ct	●	

NOTE: Refer to monitor's user's guide for detailed information.

NOTE: "04 sw onwards" refers to the monitor's main software L-(CI)ANE04(A).

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NOTE: The manufacturer guarantees a reliable functioning of the devices with tested software version only.

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GE Healthcare
P.O. Box 900, FIN-00031 GE, Finland
Tel. +358 10 394 11
Fax +358 9 146 3310

www.gehealthcare.com



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