

Device Connectivity Option (MIB) Pods, Modules and Options

Using the Medical Information Bus (MIB) IEEE 1073 Standard, your patient monitor interfaces with other point-of-care devices, such as ventilators, incubators and anesthesia systems. Data from these devices is then displayed on the monitor, where it may be viewed and used for trending and calculations.



Benefits

Connects patient monitors to other point-of-care devices

The Dräger Medical Information Bus (MIB) allows your Infinity patient monitors* to interface with other point-of-care devices – such as ventilators, incubators and anesthesia systems. Data from these devices is then displayed on the monitor, where it can be viewed and used for trending and calculations.

*For use with Infinity® Delta, Delta XL and Kappa patient monitors.

Cost-effective data integration solution

The Device Connectivity Option (MIB) is a cost-effective connectivity and data integration solution for medical devices at the point of care.

Complies with industry standards

The Medical Information Bus (MIB) uses the IEEE 1073 Standard, an industry standard protocol.

Technical Data

PRODUCT SPECIFICATIONS

Connections

Input	RS 232 (25-pin D sub-miniature connector): MIB II Protocol Converters
Output	RJ45 (IEEE 1073.3.2): MIB II Protocol Converter

SIZE

H x W x D	28 x 84 x 170 mm (1.2 x 3.3 x 6.7 in.)
Weight	0.4 kg (0.9 lbs)
Power source	DC powered, directly from Infinity Docking Station or Advanced Communication ports on the Infinity Kappa monitor.
Power consumption	<0.36 watts

ENVIRONMENTAL REQUIREMENTS

Temperature range

Operating	10° C to 40° C (50° F to 104° F)
Storage	-20° C to 50° C (-4° F to 122° F)

Relative humidity

Operating	20% to 90% (non-condensing)
Storage	10% to 95% (with packaging)

Atmospheric pressure

Operating	525 to 795 mmHg (70 to 106 kPA)
Storage	375 to 795 mmHg (50 to 106 kPA)

Standards

IEC 60601-1 and applicable particular and collateral standards,
IEC 60601-1-2, Electromagnetic compatibility CISPR 11, Class B.

Ordering Information

Medical Information Bus (MIB) Protocol Converter

MIB II Protocol Converter (One converter per interface required)	7256931
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Medical Information Bus (MIB) to IDS Cable

MIB II Network Patch Cable, 1.2 m	4726373
MIB II Network Patch Cable, 2.4 m	4726381
MIB II Network Patch Cable, 4.9 m	4726399

Medical Information Bus (MIB) Hardware Options

IDS with integrated MIB Includes: IDS (5206110) with 4 connections, and Cable Management Bracket (7267037) factory installed	7489375
MIB II 1–4 option option to expand external device connections in the IDS or Infinity Kappa	7261246
Infinity Kappa monitor Advanced Communication Option Requires 7261246	7487205

Ordering Information

DEVICE - SPECIFIC INTERFACE CABLES

Continuous Cardiac Output/SvO₂

Edwards Baxter SvO ₂ monitors – Vigilance, Vigilance II ⁶	5198929
Abbott – Oximetrix 3	5742981
Abbott Q2/Abbott Q2+ ⁴	7493344

Ventilators

Siemens – Servo-i	5954537
Siemens – Servo Ventilator 300/300A	5198911
Siemens – Servo Ventilator 900	5198945
Puritan Bennett – 7200	5198937
Dräger – Evita 2 Dura ¹	5198952
Dräger – Evita 4 ¹	5198952
Dräger – Evita XL	5198952
Dräger – Evita Infinity V500 ¹⁰	OP90179
Dräger – Savina	5198952
Dräger Babylog ⁷	5198952
Puritan Bennett 840	7493336
Hamilton Galileo	7493310
Taema Horus ²	7493328
ViaSys Bear 1000 ⁴ /Bear Cub ⁴	MS16476
(VentCentral visual and audible alarm notification is not available for the Siemens SV 900 ventilator or any anesthesia system)	

Anesthesia Systems

Dräger – Cicero EM B/W ²	5736355
Dräger – Cicero B ²	5736355
Dräger – Cato ²	5736355
Dräger – Cicero EM Color ²	5736348
Dräger – Cicero C ² (flow)	5736348
Dräger – Fabius GS ³	5736348
Dräger – Fabius Tiro ³	5736348
Dräger – Julian (flow)	5736348
Dräger – Primus ² /Apollo (flow)	5736348
Dräger – Primus ⁸ /Julian (CO ₂) ⁸	7493690
Ohmeda – Modulus CD	5944082
North American Dräger – Narkomed 2/4	5944074
Dräger – Narkomed 6000/6400	5944074
Dräger – Fabius GS (via Medibus) ⁵	MS16186
Dräger – Fabius Tiro ⁵	MS16186
Dräger – Fabius CE	5198952
Dräger – Zeus ^{2,4}	MS16991
GE (Datex/Ohmeda) – Aestiva/Aespire 7100/7900 (ventilators) ⁹	MS24506

Incubators/Baby Warmers

Dräger Caleo ⁶	MS18805
Dräger C2000/C2000e ⁶	MS18805
Dräger BabyTherm ⁶	MS18805

Ordering Information

Blood Gas Analysis Systems

AVL – Opti CCA	5742999
VIA – V-ABG1	5743872
OSI – OpticalCAM	5944595
Radiometer/Sensormedics Microgas 7650 – tpO ₂ /tpCO ₂ (requires MIB II)	7493351

Special Application

Aspect™ A 2000 BIS monitor	5950220
Somanetics – INVOS 5100c ⁹	MS24505

Software Upgrades

For monitor or MIB software, order upgrades via	MS16777
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¹ Breath-to-breath display of Flow-Volume and Pressure-Volume loops supported

² This product is not marketed in the U.S. Supported device revisions may vary, contact your local representative for details.

³ For devices built after September 2004 (SN >ARUK 0001)

⁴ Requires VF6 monitor software

⁵ Flow not supported. For devices built prior to September 2004 (SN <ARUK 0001)

⁶ Requires VF7 monitor software

⁷ Pressure and volume loops supported with MIB VF5 software

⁸ Requires VF2 monitor software

⁹ Requires VF8 monitor software and VF8 MIB software.

¹⁰ Supports adult and pediatric patients, requires VF8 monitor software and VF8.1 MIB software.

Note: Device versions supported may vary. Please consult your local Dräger representative for compatibility details.

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CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

Manufacturer:

Draeger Medical Systems, Inc.
3135 Quarry Road
Telford, PA 18969-1042, USA

USA

Draeger, Inc.
3135 Quarry Road
Telford, PA 18969-1042, USA
Tel +1 800 4DRAGER
(+1 800 437 2437)
Fax +1 215 723 5935
info.usa@draeger.com

CANADA

Draeger Medical Canada Inc.
2425 Skymark Avenue, Unit 1
Mississauga, Ontario, L4W 4Y6
Tel +1 905 212 6600
Toll-free +1 866 343 2273
Fax +1 905 212 6601
Canada.support@draeger.com

Locate your Regional
Sales Representative at:
www.draeger.com/contact



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