

Device Connectivity Option

The Device Connectivity Option offers a cost-effective solution to data integration that complements the power and versatility of Infinity® patient monitors. Using the Medical Information Bus (MIB) IEEE 1073 Standard, it lets your Infinity patient monitor interface with other point-of-care devices, such as ventilators, incubators and anesthesia systems. Data is then displayed on the monitor, where it may be viewed and used for trending, calculations and other functions.

Features

- Supports Infinity Delta, Delta XL and Kappa patient monitors
- Enables monitors to interface with other point-of-care devices
- Provides a cost-effective data integration solution

Product Specifications

Connections

Input	RS 232 (25-pin D connector): MIB II and MIB II Duo Protocol Converters
Output	RJ45 (IEEE 1073.3.2): MIB II Protocol Converter RJ45 (IEEE 1073.3.2) and SDL (1073.3.1): MIB II Duo Protocol Converter ¹

Size

H x W x D	29 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 from Infinity Docking Station
Power consumption	<4 watts



Environmental Requirements

Temperature range

Operating	10° C to 40° C (50° F to 104° F)
Storage	-20° C to 70° C (-4° F to 158° 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
The MIB device complies with Medical Devices Directive (MDD) 93/42 EEC and bears the CE mark

Ordering Information

Medical Information Bus (MIB) Protocol Converter

MIB II Protocol Converter 7256931
(One converter per interface required)

MIB II Duo Protocol Converter 7256949
(One converter per interface required)
Connects to IDS equipped with either MIB or MIB II interface option

Medical Information Bus (MIB) 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) IDS Kit

IDS with integrated MIB 7489375
Includes: IDS 5206110 (4 connections), MIB and Cable Management Bracket 7267037 factory installed

IDS MIB II 1-4 option (field installed) 7261246

or for Kappa monitor

Infinity Kappa Advanced Communication Option 7487205
(requires 7261246)

Product Families and Device-specific Interface CablesContinuous Cardiac Output/SvO₂

Edwards Baxter SvO ₂ monitors – Vigilance, Vigilance II ⁷	5198929
Abbott – Oximetrix 3	5742981
Abbott Q2/Abbott Q2+ ⁵	7493344

Ventilators

Maquet – Servo-i	5954537
Maquet – Servo Ventilator 300/300A	5198911
Maquet – Servo Ventilator 900	5198945
Puritan Bennett – 7200	5198937
Dräger – Evita 2 Dura ²	5198952
Dräger – Evita 4 ²	5198952
Dräger – Evita XL	5198952
Dräger – Savina	5198952
Dräger Babylog ⁸	5198952
Puritan Bennett 840	7493336
Hamilton Galileo	7493310
Taema Horus ³	7493328
ViaSys Bear 1000 ⁵ /Bear Cub ⁵	MS16476

(VentCentral visual and audible alarm notification is not available for the Maquet SV 900 ventilator or any anesthesia system)

Anesthesia Systems

Dräger – Cicero EM B/W ³	5736355
Dräger – Cicero B ³	5736355
Dräger – Cato ³	5736355
Dräger – Cicero EM Color ³	5736348
Dräger – Cicero C ³ (flow)	5736348
Dräger – Fabius GS ⁴	5736348
Dräger – Fabius Tiro ⁴	5736348
Dräger – Julian (flow)	5736348
Dräger – Primus ³ /Apollo (flow)	5736348
Dräger – Primus ⁹ /Julian (CO ₂) ⁹	7493690
Ohmeda – Modulus CD	5944082
North American Dräger – Narkomed 2/4	5944074
Dräger – Narkomed 6000/6400	5944074
Dräger – Fabius GS (via Medibus) ⁶	MS16186
Dräger – Fabius Tiro ⁶	MS16186
Dräger – Fabius CE	5198952
Dräger – Zeus ^{3,5}	MS16991

Incubators/Baby Warmers

Dräger Caleo ⁷	MS18805
Dräger C2000/C2000e ⁷	MS18805
Dräger BabyTherm ⁷	MS18805

Blood Gas Analysis Systems

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

Special Application

Aspect™ A 2000 BIS monitor	5950220
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Software Upgrades

For monitor or MIB software, order upgrades via MS16777

Contact your local Dräger representative for ordering information and installation.

¹ MIB II Duo Protocol Converter for mixed installations of MIB and MIB II options; permits connection of either an MIB (SDL) or MIB II (RJ45) cable.

² Breath-to-breath display of Flow-Volume and Pressure-Volume loops supported

³ This product is not marketed in the U.S.

⁴ For devices built since September 2004 (SN >ARUK 0001)

⁵ Requires VF6 monitor software

⁶ Flow not supported. For devices built prior to September 2004 (SN <ARUK 0001)

⁷ Requires VF7 monitor software

⁸ Pressure and volume loops supported with MIB VF5 software

⁹ Requires VF2 monitor software

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

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The quality management system at Draeger Medical Systems, Inc. is certified according to ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).