

Technical Data Sheet—Device ID Modules (DIMs)

DataCaptor's Automatic Device Identification functionality supports port independence. With true plug-and-play medical device connectivity users can plug any device into any terminal server port as part of the complete Point of Care Connectivity Solution. Devices such as patient monitors, ventilators, infusion pumps, anesthesia machines and balloon pumps, can be connected and re-connected to the system with ease. DataCaptor ID Modules (DIMs) attach to each device and allow the DataCaptor Connectivity Server to:

- Automatically identify the attached device
- Initialize the appropriate DataCaptor Device Interface (DDI)
- Detect when the device is disconnected and re-connected

DIMs do not require an external power supply and use standard DB9 and RJ45 connections. The DataCaptor ID Module is a medical grade product compliant with IEC 60601-1 requirements.



Features

- Provides Automatic Device Identification
- Medical Grade IEC 60601-1 compliant
- +/- 12 volts
- DB9 Serial Port Input
- RJ45 Serial Port Output
- Powered from Terminal Server or Host PC serial port DTS and RTS lines

Dimensions

- Length: 2.71 in (6.9 cm)
- Width: 1.45 in (3.7 cm)
- Height: .86 in (2.2 cm)
- Weight: 1.76 oz (50 g)

Power Requirements

- +/- 12 volt output voltage
- 3 to 8 milliamp power consumption

Environmental

- Temperature:
 - Operating: 32° F to 130° F (0° C - 55° C)
 - Storage: -22° F to +185° F (-30° C to +85° C)
- Relative humidity:
 - Operating: 0 to 99% non-condensing
 - Storage: 0 to 99% non-condensing
- Atmospheric pressure:
 - Operating: 700 hPa to 1060 hPa
 - Storage: 500 hPa to 1060 hPa

Ordering Information:

DataCaptor ID Module : B1-DIM-CT-01