

## DPF-0213

System Monitoring Library Windows driver software for Eco Classembly Devices(R)



### 概要

System monitoring library is software to monitor Interface Eco Classembly DevicesR by applications running on Windows.  
Application software links a provided dynamic link library (DLL) and monitors Interface Eco Classembly DevicesR through the application programming interface (API).

### 特長

- >>Start, stop, and cycle of watchdog timer (WDT) are freely configurable by software.
- >>If values are not cleared during the WDT cycle, either CPU reset or interrupt event notification is selectable.
- >>Temperature of board and around memory can be retrieved.
- >>An interrupt event notification is generated when the board temperature exceeds the specified upper/lower limit.
- >>Power supply voltage can be retrieved.
- >>An interrupt event notification is generated when the power supply voltage exceeds the specified upper/lower limit.
- >>Automatic RAS output in abnormal status is possible by configuring the conditions beforehand. The application program also can control the output.
- >>Digital input and output are supported. All-interrupt event notification is generated.
- >>The operation in the event of power failure can be configured and the battery status can be retrieved by connecting an optional battery module.
- >>Multitasking is supported. Multiple application programs can monitor the system.
- >>Sample programs for WDT, temperature monitoring, power supply voltage monitoring, interrupt event notification, RAS output, digital input/output, buzzer output, power switch filter settings, disk switch settings, battery module monitoring are included.

With Interface Utility, the following operations become available;

- >>DiskControl
  - Configuring the insertion/removal method of CFast 2
  - Configuring the insertion/removal status of CFast 2
- >>ButtonFilter
  - Setting the malfunction prevention filter to ignore a power switch operation for 1 second
- >>Battery
  - Displaying battery status
  - Displaying the time to shutdown/ forced shutdown
  - Configuring the time to shutdown/forced shutdown
  - Log information of utility startup, close, settings change to event log
- >>Information
  - Displaying the utility version and our web site.

### 対応 OS

Windows 7  
Windows Embedded Standard 7  
Windows Embedded Standard 2009  
Windows XP

### 対応言語

Microsoft Visual C++ 6.0, .NET 2002, .NET 2003, 2005, 2008, 2010

Microsoft Visual C# .NET 2002, .NET 2003, 2005, 2008, 2010  
Microsoft Visual Basic 6.0, .NET 2002, .NET 2003, 2005, 2008, 2010

**注意事項**

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