



Safety Integrity Level Certificate

Certified Product(s):

IR2100

Certificate Issue Date:

May 15, 2006

Manufacturers:

General Monitors, Inc.
26776 Simpatica Circle
Lake Forest, CA 92630 USA

Certificate Number:

GMT – SIL CERT 004

Applicable Standard:

IEC 61508-1:2001

General Monitors Ltd.
Ballybrit Business Park
Galway, Republic of Ireland

Certification Assessment:

The certificate is based on an FMEDA assessment that was conducted internally by General Monitors and validated independently by David J. Smith of Technis (report #T288) in 2006. Based on this assessment, the equipment is suitable for use in the following SIL applications:

Product	Safe Failure Fraction	Probability of Failure on Demand*	SIL Capability (Un-Voted Configuration)
IR2100	>97%	1.1×10^{-4}	SIL-2

* Assumes a repair time of 4 hours and a proof test interval of 3 months.

This certificate is issued by General Monitors and may only be used in its entirety and without change.

Shafiq Khan
Director of Corporate Quality & Reliability