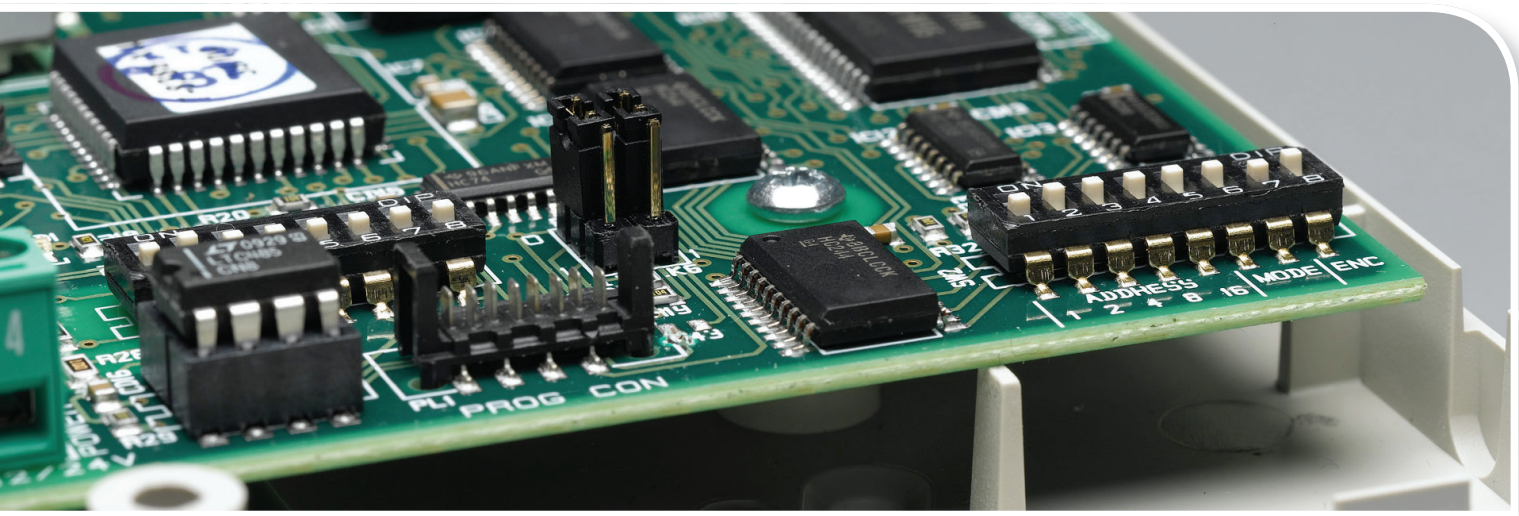


HISEC
GENERAL PURPOSE INTERFACES

A wide range of General Purpose Interfaces (GPIs) are available to extend the capability of the HISEC Integrated Security System. This allows the system design to comply with ever changing market needs where functionality and flexibility are required.

All integrated HISEC applications run on one consistent, easy-to-use operating platform to increase efciency while simplifying administration. Security is, quite simply, taken care of.

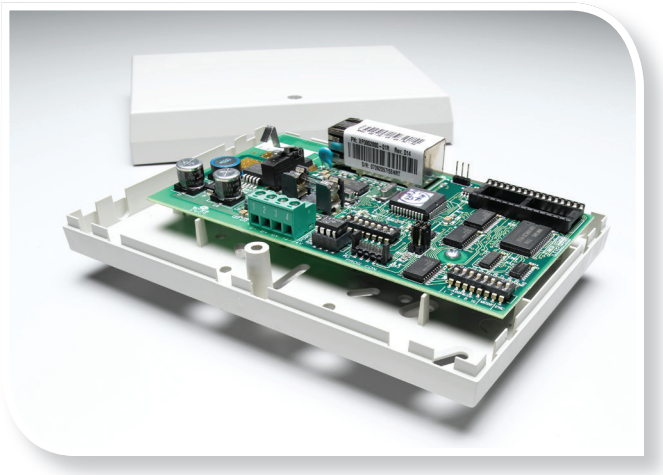
The HISEC system is intelligently designed and the modular architecture makes it possible to adapt to the most complex environments.

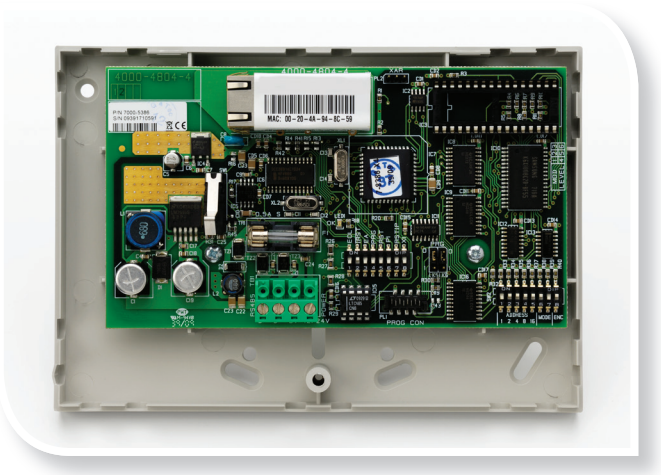
COMMUNICATION INTERFACES

GPIs for system expansion*

- GPI-COM
  Universal Bus interface provides an RS232 port for connection to PC, printer or other hardware
- GPI-LMI
  Local Modem Interface for supervised on-line connection of local remote sites used in conjunction with GPI DLM (legacy systems only)
- GPI-BR
  Bridge interface for creating a "Sub-Bus" to expand the number of readers and other devices
- GPI-DLM
  Direct Line Modem interface to create a "Sub-Bus" via a modem to expand the number of readers and other devices.
- GPI-BRM
  Used in conjunction with GPI-DLM
- GPI-LE
  Line expansion interface to extend the length of the RS485 bus by a further 1,200m

* *The dimensions for all the above GPIs are: W:107mm x H:159mm x D:22mm*





GPIs for expansion over an IP network+

- GPI DNA IP-3
  Network interface card for Direct Network Access
- GPI MI IP-3
  Used to create a 'sub-bus' via a TCP/IP network. GPI MI IPs are used in pairs
- GPI LMI IP-3
  Local Modem Interface used to create a remote site via a TCP/IP network in conjunction with GPI DLM IP (legacy systems only)
- GPI DLM IP-3
  Direct Line Modem interface for Master/Sub-Bus
- GPI BRM IP-3
  Bridge interface to create a sub-bus to expand the number of readers and other devices. Used in conjunction with GPI DLM IP
- GPI LE IP-3
  Line Expansion interface for expanding RS 485 Bus/Sub-Buses through TCP/IP Networks
- IPI
  TCP/IP add on module add-on-module for HISEC Intruder Alarm System

+ *The dimensions for all the above GPIs are:*
W:120mm x H:173mm x D:35mm

TECHNODE

The TechNode is a network interface device with an integral GMS service (the service that controls the transfer of data between the PC and the ThorGuard Control Unit), making it ideal for legacy CU30 systems where communications over an IP network is required.

- TechNode
  Network interface card with integral GMS service

HOST INTERFACE

Host Interface acts as a protocol converter to connect the ThorGuard system to other systems such as Building Management Systems or Alarm Receiving Equipment

- GPI HI
  Host interface for third party management system
- GPI ALA
  Host interface for third party alarm/event transmission
- GPI HSI
  Host interface for Symmetry™ software

NOTE: All Host interfaces are encoded with the site code for added security. This code must be specified when ordering any Host Interface.

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