ZID08-34F+
INPUT INTERFACE PORT

DS-108 Issue 05

Thank you for your interest in Ziztel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

The ZID08-34F+ allows a Ziztel PAGA system to communicate with other site systems. Units are DIN rail mount and connect to the host ZX100 via a multi drop RJ45 patch cord network enabling up to 516 optically isolated or voltage controlled inputs. The module accepts either dry contact OR voltage controlled inputs.

ZIZTEL ZID08-34F+ FEATURES:

Optically isolated inputs – *EMC secure*

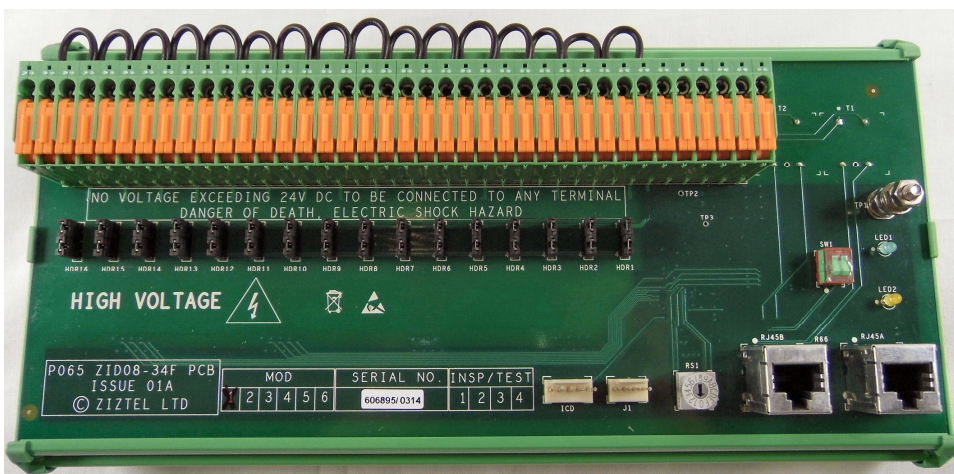Engineers configuration screen – *Rapid service*

Plug/socket integration into host equipment – *Easy installation*

Modular and expandable – *Up to 512 inputs*

ZID08-34F+ is a 'feature enhanced' backward compatible version of ZID08-34F, The ZID08-34F+ accepts up to sixteen optically coupled digital inputs which can be voltage controlled or contact controlled. The unit also allows 2 aux analogue audio inputs and can be cascaded allowing up to 32 x ZID08-34F+ modules, this extends digital inputs to maximum 512 per network. (Note analog inputs cannot be expanded using ZID08-34F+).

Photo below shows the ZID08-34F+, dual RJ45 patch cord sockets allow the communication network to be extended to multiple ZID08-34F+ modules on a loop in/out basis. The address of each module is uniquely set by file download during Factory testing (FAT). A tamper proof patch field is included that allows the engineer to prescribe either 'dry contact' (volt-free contact) or voltage controlled input interface possibility for each channel.
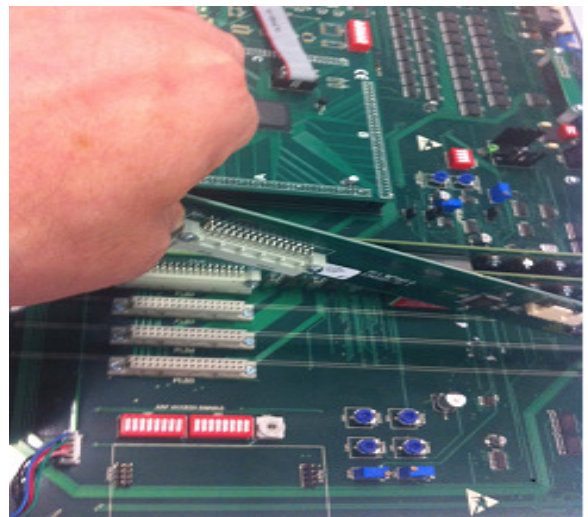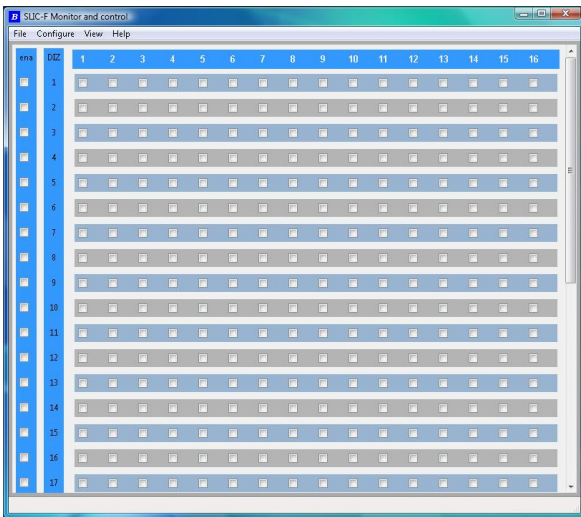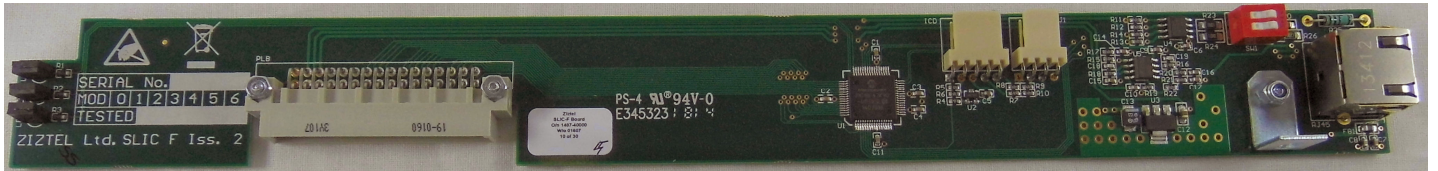
SLIC F:

The ZID08-34F+ operates in conjunction with a small processor card that plugs into the host ZX100 PAGA management unit. This card is called SLIC F and provides gateway to the ZX100 main processing system. The SLIC F is connected to ZID08-34F+ by an RJ45 patch cord that forms a local network capable of supporting up to 32 x ZID08-34F+ modules which allow up to 512 interface inputs to the host PAGA. Multiple SLIC F cards can be assigned where greater input capacity is required. An optional Windows display provides the engineer status of each input, a useful feature for systems with multiple interface connections.
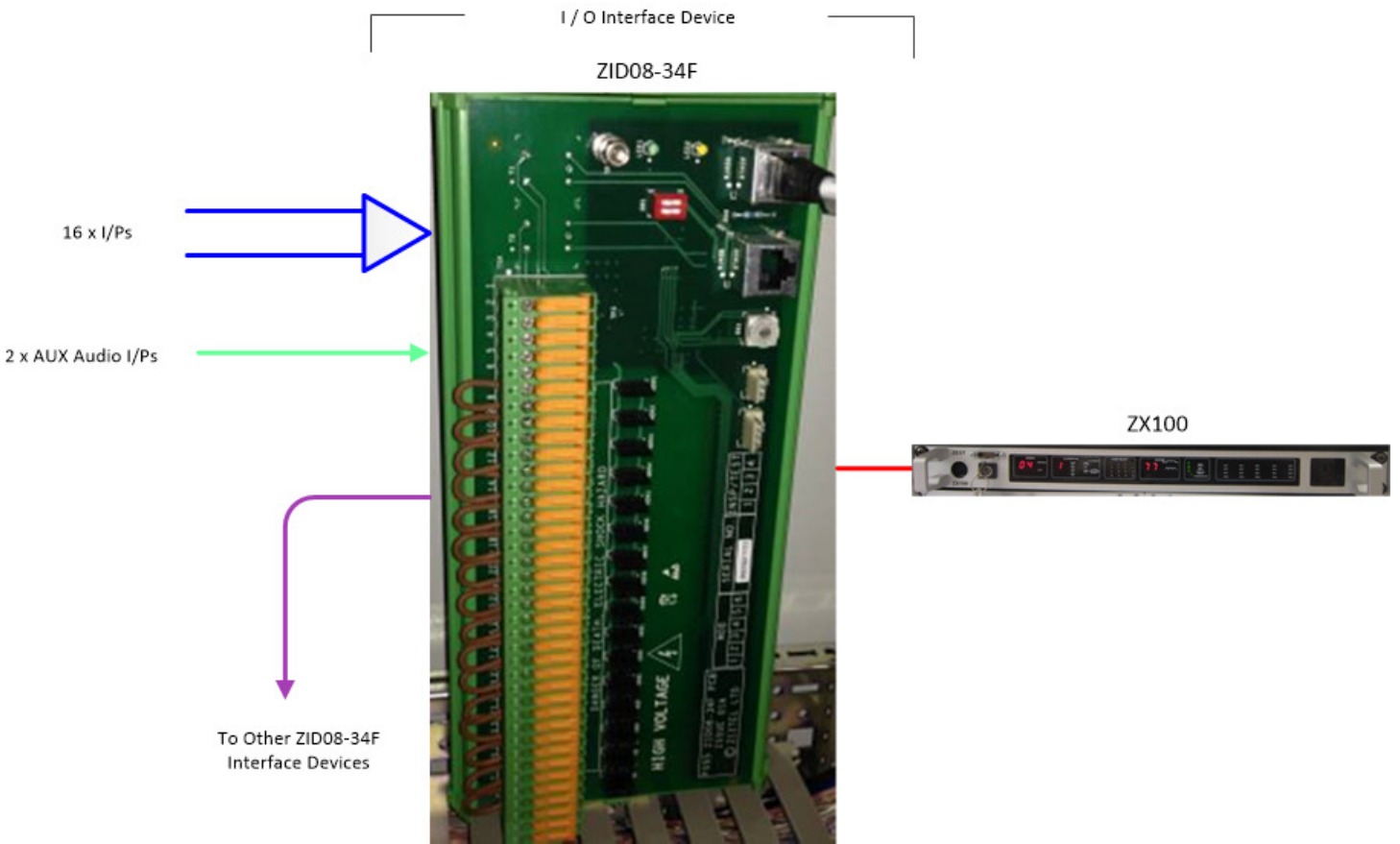

Technical Specification

Number of inputs	16 per ZID08-34F+ module
Number of Outputs	1 (RS485)
Power Supply	$48V_{DC}$
Audio Inputs	2
Event Outputs	0
Copper Pair Sync	0
Temperature	-20°C to +70°C
Relative Humidity	80% non-condensing
Weight	1kg
Operation	Safe area

I / O Interface Device

ZID08-34F

16 x I/Ps

2 x AUX Audio I/Ps

To Other ZID08-34F
Interface Devices

ZX100