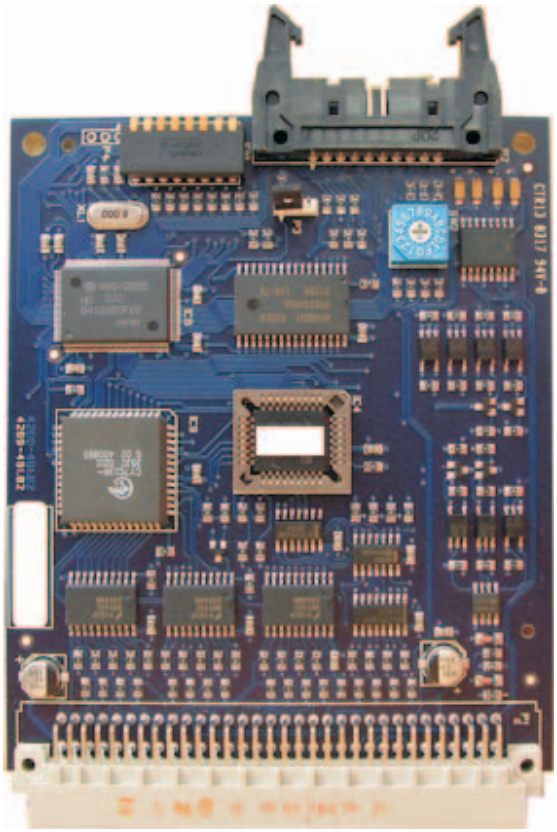
Installation instructions

new IO Card (EN54) (VIG-IOC-DOM)

GENT by Honeywell



This new Input Output (IO) card (**part no. VIG-IOC-DOM)** is designed for installation in EN54 Vigilon analogue addressable fire panels and Network node:

Vigilon Fire Panels

- VIG1
- VIG1-NET
- VIG2
- VIG2-NET
- VIG3
- VIG3-NET
- VIG4
- VIG4-NET

Vigilon Network (Terminal) Node

- VIG-NODE.

new IO card replaces existing IO cards

The new IO card combines the functions of and will replace the existing IO cards:

- VIG-IOC-PRT
- VIG-IOC-ASCOM
- VIG-IOC-UFD
- VIG-IOC-UNI

The existing IO cards are no longer available.

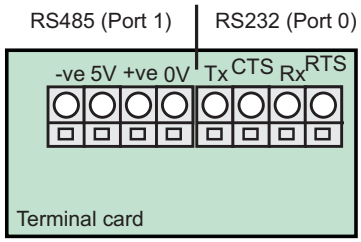
Specification

Overall size	148mm height x 100mm width
Node address range	1 to 31
Baud (When installed as an additional IO card)	1200, 1800, 2400, 3600, 4800, 7200, 9600 and 19200
RS232 (Port 0) RS485 (Port 1)	10m cable distance 1.2Km cable distance
Weight	72g (approximate)
Operating temperature	0°C to 45°C
Storage temperature	-10°C to 55°C
Relative humidity (non condenscing)	up to 90%

There is no need to switch between the RS232 and RS485 ports as they are both available for simultaneous use.

IO card installation and associated terminals

The diagram below shows the associated terminals for standard IO card when it is installed in the backplane of panel/node.



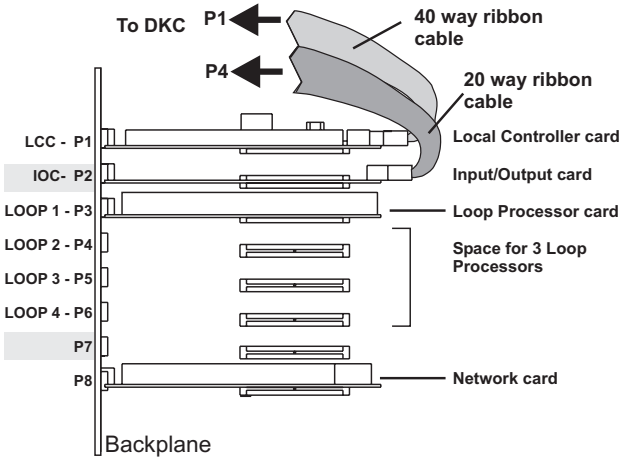
Checks

- ☐ Set the rotary switch **SW2** to a required function.
- ☐ Ensure all DIP switches **SW1** are set to the Off position before installing the IO card in socket **P2** of the backplane
- ☐ Connect the 20 way ribbon cable from DKC connector **P4** to the IO card socket **P2**.
- ☐ One additional IO card can be fitted into the backplane spare socket **P7** of the control panel and up to four into the backplane sockets of the Network node.

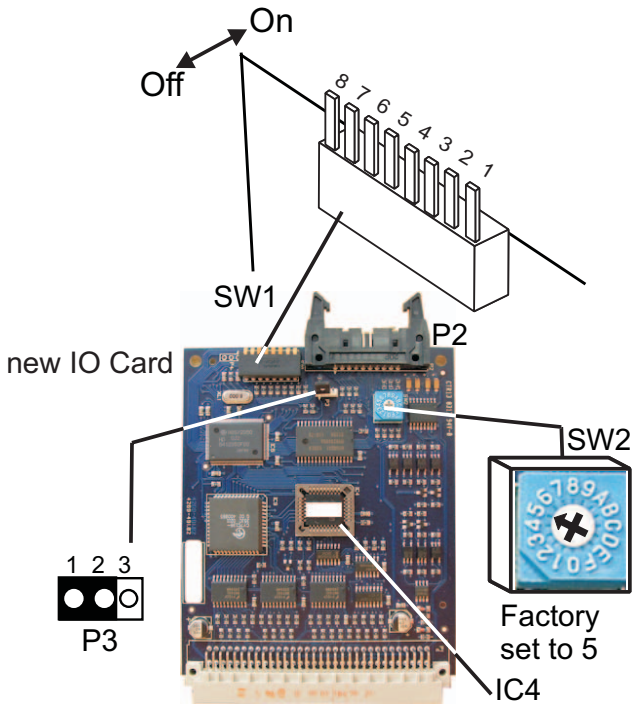
  When installing an additional IO card it is important to set its DIP switches **SW1** to the required baud rate and node address and the rotary switch **SW2** to the required function before installing the card in a spare socket of the backplane.

IO card location

One new IO card is normally fitted as Card 15 in socket P2 of the Control panel backplane.



Setting switches SW1 and SW2



IMPORTANT:
The Vigilon Control Panel make use of the DIP switches on the DKC, located on the inner door. The switches are used to set address and baud rate. It is important that the DIP switches SW1 on the IO card are ALL set in the UP or OFF position so that they are ignored.

SW1 Switch settings

The switch positions shown here are applicable for the new IO Card when installed as an additional IO card.

No dongle is required for DIP switches to work when used as second or additional IO card.

			Baud Rate	Node Address					
1	2	3	|	4	5|	6	7	8	|
Off	Off	Off	1200 baud	Off	Off	Off	Off	Off	
Off	Off	On	**1800 baud**	Off	Off	Off	Off	On	**1**
Off	On	Off	**2400 baud**	Off	Off	Off	On	Off	**2**
Off	On	On	**3600 baud**	Off	Off	Off	On	On	**3**
On	Off	Off	**4800 baud**	Off	Off	On	Off	Off	**4**
On	Off	On	**7200 baud**	Off	Off	On	Off	On	**5**
On	On	Off	**9600 baud**	Off	Off	On	On	Off	**6**
On	On	On	**19200 baud**	Off	Off	On	On	On	**7**
					|				
				On	On	On	On	On	**up to 31**

Factory settings

SW2 Switch settings

Rotary Switch Pos.	Standard connections Port 0 (RS232) Mode	Port 1 (RS485 mode
0	3217 Half/Full-Duplex	Switch position from 0 to 7 sets this port for Repeat panel at 1200 baud. Switch position from 8 to F sets this port for other applications at 9600 baud.
1	Slave I/O	
2	Remote Printer (as VIG-IOC-PRT)	
3	Universal Full-Duplex (as VIG-IOC-UFD)	
4	Ascom Pager (as VIG-IOC-ASCOM)	
5	Domain Bridge Full-Duplex	
6	Universal Half-Duplex (as VIG-IOC-UNI)	
7	-	
	Factory setting	

WEEE Directive:
At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre.
Do not dispose of with your normal household waste. Do not burn.

Gent by Honeywell reserves the right to revise this publication from time to time and make changes to the content hereof without obligation to notify any person of such revisions of changes.

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