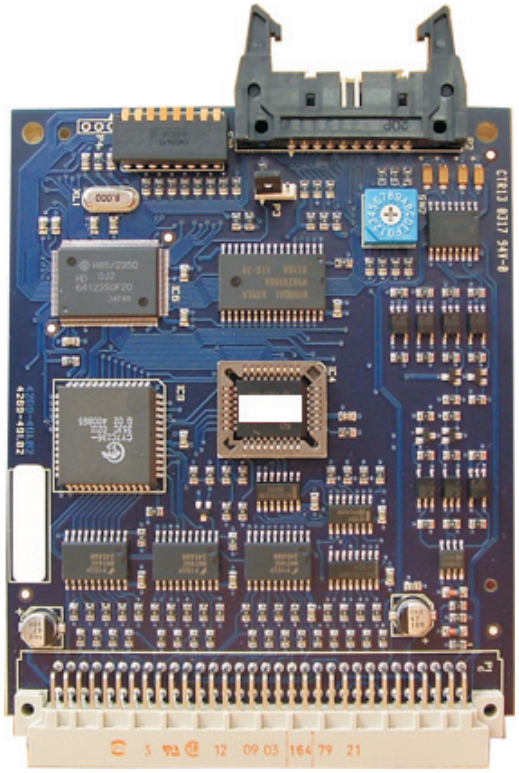
Installation instructions

new IO Card V3+ (BS)

(VIG-IOC-V3+ / 34K-IOC-V3+)

GENT by Honeywell



The new Input Output (IO) cards **part numbers VIG-IOC-V3+ and 34K-IOC-V3+** have version 3+ software. They are designed for installation in fire panels to BS5839:Part 4, such as the Vigilon, 34000, 32000, 3400 and 3300 analogue addressable fire panels and Network (or Terminal) nodes.

new IO cards replaces existing IO cards

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

VIG-IOC-PRT-V3+	34K-IOC-PRT-V3+
VIG-IOC-ASCOM-V3+	34K-IOC-UFD-V3+
VIG-IOC-UFD-V3+	34K-IOC-UNI-V3+
VIG-IOC-UNI-V3+	34K-IOC-SLV-V3+
13432-03V3	32023-21
13332-13	

The existing IO cards listed above are no longer available.

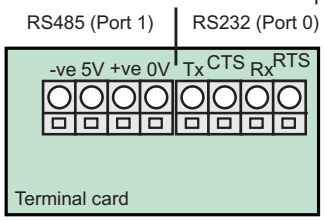
Specification

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 condensing)	up to 90%

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

IO installation and associated terminals

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



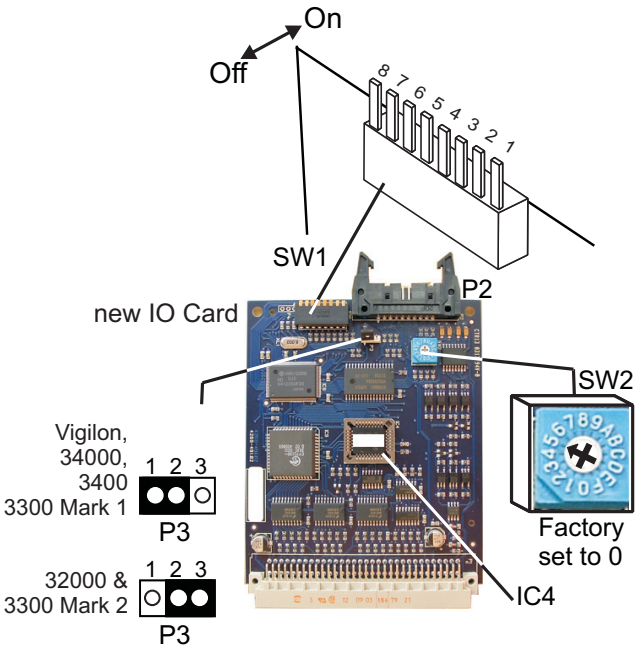
Control Panel or Network Node	Backplane plug in location	Associated terminals on terminal card RS232/RS485
Vigilon Control panel	P2	P4
34000 Control panel	P2	P4
Network node for Vigilon and 34000	P2	P15
32000 Control panel	IOC	P2
Network node for 32000	P6	P8-P9
3404 Control panel	SK2	TB9/TB10
3408 Control panel	SK2	TB6
3405 Network node for 3408/3404	P5	P6

Checks

- ☐ Set the rotary switch **SW2** to a required function.
- ☐ Ensure all DIP switches of **SW1** are set to the Off position before installing the IO card in the backplane of Vigilon or 34000 system Control panel or Network node.
- ☐ A 20 way ribbon cable connects between DKC connector **P4** and the IO card socket **P2**.
- ☐ One additional IO card can be fitted into the spare socket on the backplane of the Vigilon/34000/3400 control panels and up to four into the backplane sockets of the associated 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.

Setting switches SW1 and SW2



IMPORTANT:
The Vigilon and 34000 Control Panels make use of the DIP switches on the DKC, located on the inner door. The switches are used to set address and baud rate. For these panels 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 in the Vigilon or 34000 panel or node.

No dongle is required for the DIP switches to work, when used as a 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**

SW2 Switch settings

Rotary switch Pos.	Standard connections Port 0 (RS232) Mode	Port 1 (RS485 mode)
0 or 8	3217 Half 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 or 9	Slave I/O	
2 or A	Remote Printer (as VIG-IOC-PRT-V3+)	
3 or B	Universal Full-Duplex (as VIG-IOC-UFD-V3+)	
4 or C	Ascom Pager (as VIG-IOC-ASCOM-V3+)	
5 or D	Domain Bridge Full-Duplex	
6 or E	Universal Half-Duplex (as VIG-IOC-UNI-V3+)	
7 or F	-	
	Factory settings	

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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