

Gent by Honeywell
Vigilon Compact Battery Standby & Loop Load Calculator
Version: 3.00.000

Site details

System Integrator:

Site name: Canford Heath Health Clinic

Engineer: Ian Wilson

System Configuration

System type: Compact

Battery Capacity: 12Ah

Copper network cards: 0

Repeat panels: 0

Master Alarms

Circuit 1 current: 0mA

Circuit 2 current: 0mA

Alarm Time: 30 minutes

-

Loop Cards

Loop 1 (EN54pt23) fitted: Yes

Loop 2 fitted: No

-

Loop 1 EN54pt23

Cable: 1.5mm² x 2000m. Topology: Distributed. Mode: Standard.

62 Devices

VIG-MIM-A3 Vigilon A3 Mimic	0
VIG-RPT-72 Vigilon Repeat	1
34410 Loop Powered Zones	0
34415 Single Channel Interfaces	0
34440 Mains Powered Interface	0
34450 Loop Powered Interfaces	0
34460 Loop Powered FEs	0
34500 Repeats	0
34604 A4 Mimics	0
34606 Zonal Mimics	0
3X701 T-Breaker	0
3X702 Slave LEDs	0
3X703 Slave Relays	0
3X720 Heat Sensors	0
3X780 Heat Sounders	0
3X729 EP Heat Sensors	0
3X730 Ionisation Sensors	0

3X800 Manual Call Points	0
3X710 Optical Heat Sensors	0
3X770 Optical Heat Sounders	0
3X777 Repeat Sounders	0
2-Way 3x202 System Sounders (high)	0
2-Way 3X202 System Sounders (low)	0
3-Way 3X203 System Sounders (high)	0
3-Way 3X203 System Sounders (low)	0
S2IP-SN-R Sounder Red (2 way)	0
S2IP-SN-R Sounder Red (3 way)	0
S2IP-SN-W Sounder White (2 way)	0
S2IP-SN-W Sounder White (3 way)	0
S2IP-ST-RR Strobe Red Body/Red Lens (2 way)	0
S2IP-ST-RW Strobe Red Body/White Lens (2 way)	0
S2IP-ST-WA Strobe White Body/Amber Lens (2 way)	0
S2IP-ST-WR Strobe White Body/Red Lens (2 way)	0
S3-SN-R Sounder Red (2 way)	0
S3-SN-ST-RR Sounder Strobe Red Body/Red Lens (2 way)	0
S3-SN-ST-WR Sounder Strobe White Body/Red Lens (2 way)	0
S3-SN-W Sounder White (2 way)	0
S3-VP-R Voice Sounder Red (2 way)	0
S3-VP-ST-RR Voice Strobe Red Body/Red Lens (2 way)	0
S3-VP-ST-WR Voice Strobe White Body/Red Lens (2 way)	0
S3-VP-W Voice Sounder White (2 way)	0
S3IP-SN-R Sounder Red (2 way)	0
S3IP-SN-ST-RR Sounder Strobe Red Body/Red Lens (2 way)	0
S3IP-SN-ST-RW Sounder Strobe Red Body/White Lens (2 way)	0
S3IP-SN-ST-WR Sounder Strobe White Body/Red Lens (2 way)	0
S3IP-SN-W Sounder White (2 way)	0
S3IP-VP-R Voice Sounder Red (2 way)	0
S3IP-VP-ST-RR Voice Strobe Red Body/Red Lens (2 way)	0
S3IP-VP-ST-WR Voice Strobe White Body/Red Lens (2 way)	0
S3IP-VP-W Voice Sounder White (2 way)	0
RF-LRT Wireless Transceiver Interface	0
S4-34401 Mains Switching 1 Channel Interface	0
S4-34404 Mains Switching 4 Channel Interface	0
S4-34410 Single Channel Input Interface (exc. zone)	0
S4-34410 Single Channel Input Interface (inc. zone)	0
S4-34411 Medium Voltage Output Interface (DIN mount)	0
S4-34412 Supervisory 12 Input Module	0
S4-34415 Medium Voltage Output Interface (Enclosure)	1
S4-34418 Keyswitch Interface	0
S4-34420 Single Channel Input/Output Interface	5
S4-34440-02/12 Mains Powered Interface	0
S4-34450 Four Channel I/O Interface (exc. zone)	0
S4-34450 Four Channel I/O Interface (inc. zone)	0
S4-34740 (Beam pair)	0
S4-34800 Manual Call Point	0
S4-34805 Manual Call Point - Resettable	5
S4-34807 Keyswitch Manual Call Point	0
S4-710 Optical Heat Multisensor	0
S4-711-ST-VO Dual Optical Heat Multisensor + Strobe (Non turbo)	0
S4-711-ST-VO Dual Optical Heat Multisensor + Strobe (Turbo)	4
S4-711-ST Dual Optical Heat Multisensor + Strobe	10

S4-711-VO Dual Optical Heat Multisensor (Non turbo)	0
S4-711-VO Dual Optical Heat Multisensor (Turbo)	10
S4-711 Dual Optical Heat Multisensor	13
S4-715 Optical Sensor	0
S4-720-ST-VO Heat Sensor Strobe (Non turbo)	0
S4-720-ST-VO Heat Sensor Strobe (Turbo)	0
S4-720 Heat Sensor	0
S4-770 Optical Heat Multisensor (Non turbo)	0
S4-770 Optical Heat Multisensor (Turbo)	0
S4-771 Dual Optical Heat Multisensor (Non turbo)	0
S4-771 Dual Optical Heat Multisensor (Turbo)	0
S4-780 Heat Sounder (Non turbo)	0
S4-780 Heat (Turbo)	1
S4-911-ST-VO Dual Optical Heat CO Multisensor + Strobe (Non turbo)	0
S4-911-ST-VO Dual Optical Heat CO Multisensor + Strobe (Turbo)	0
S4-911 Dual Optical Heat CO Multisensor	0
Vigilon Voice 200/400 DAU	0
S4-711-V Non turbo voice	0
S4-711-V Turbo voice	0
S4-711-V-VAD-HPR Non turbo voice - Low power strobe	0
S4-711-V-VAD-HPR Non turbo voice - Medium power strobe	0
S4-711-V-VAD-HPR Non turbo voice - High power strobe	0
S4-711-V-VAD-HPR Turbo voice - Low power strobe	0
S4-711-V-VAD-HPR Turbo voice - Medium power strobe	0
S4-711-V-VAD-HPR Turbo voice - High power strobe	9
S4-711-V-VAD-HPW Non turbo voice - Low power strobe	0
S4-711-V-VAD-HPW Non turbo voice - Medium power strobe	0
S4-711-V-VAD-HPW Non turbo voice - High power strobe	0
S4-711-V-VAD-HPW Turbo voice - Low power strobe	0
S4-711-V-VAD-HPW Turbo voice - Medium power strobe	0
S4-711-V-VAD-HPW Turbo voice - High power strobe	0
S4-711-V-VAD-LPW Non turbo voice - Standard power strobe	0
S4-711-V-VAD-LPW Turbo voice - Standard power strobe	0
S4-711-VAD-HPR Low power strobe	0
S4-711-VAD-HPR Medium power strobe	0
S4-711-VAD-HPR High power strobe	3
S4-711-VAD-HPW Low power strobe	0
S4-711-VAD-HPW Medium power strobe	0
S4-711-VAD-HPW High power strobe	0
S4-711-VAD-LPW Standard power strobe	0
S4-720-V-VAD-HPR Non turbo voice - Low power strobe	0
S4-720-V-VAD-HPR Non turbo voice - Medium power strobe	0
S4-720-V-VAD-HPR Non turbo voice - High power strobe	0
S4-720-V-VAD-HPR Turbo voice - Low power strobe	0
S4-720-V-VAD-HPR Turbo voice - Medium power strobe	0
S4-720-V-VAD-HPR Turbo voice - High power strobe	0
S4-720-V-VAD-HPW Non turbo voice - Low power strobe	0
S4-720-V-VAD-HPW Non turbo voice - Medium power strobe	0
S4-720-V-VAD-HPW Non turbo voice - High power strobe	0
S4-720-V-VAD-HPW Turbo voice - Low power strobe	0
S4-720-V-VAD-HPW Turbo voice - Medium power strobe	0
S4-720-V-VAD-HPW Turbo voice - High power strobe	0
S4-770-S Non turbo sounder	0
S4-770-S Turbo sounder	0

S4-771-S Non turbo sounder	0
S4-771-S Turbo sounder	0
S4-780-S Non turbo sounder	0
S4-780-S Turbo sounder	0
S4-901 Dual Opt Heat CO	0
S4-911-V-VAD-HPR Non turbo voice - Low power strobe	0
S4-911-V-VAD-HPR Non turbo voice - Medium power strobe	0
S4-911-V-VAD-HPR Non turbo voice - High power strobe	0
S4-911-V-VAD-HPR Turbo voice - Low power strobe	0
S4-911-V-VAD-HPR Turbo voice - Medium power strobe	0
S4-911-V-VAD-HPR Turbo voice - High power strobe	0
S4-911-V-VAD-HPW Non turbo voice - Low power strobe	0
S4-911-V-VAD-HPW Non turbo voice - Medium power strobe	0
S4-911-V-VAD-HPW Non turbo voice - High power strobe	0
S4-911-V-VAD-HPW Turbo voice - Low power strobe	0
S4-911-V-VAD-HPW Turbo voice - Medium power strobe	0
S4-911-V-VAD-HPW Turbo voice - High power strobe	0
Mains Powered Distributed Amplifier Unit	0

Loop quiescent current:	015.2mA
Loop alarm current:	387.8mA

-

This is not a Compact Voice panel. Audio Controller not fitted.

-

System Current Consumptions

Main control board:	45mA
Loop card (Mk2) currents:	0mA
Loop card (Mk3) currents:	12mA
Copper network current:	0mA
Repeat panels:	0mA

-

Battery Standby (12Ah batteries)

Standby time:	99 Hours 02 Minutes
Capacity for 24hrs:	3.38Ah for 24Hrs
Capacity for 72hrs:	8.89Ah for 72Hrs

-

This system meets the standby requirements of BS5839-Pt1:2002

-- End of full report --