

Features	VESDA-E	VESDA							Industrial Products	
	VEU	VLP	VLS	VLC VESDAnet (VN)	VLC Relays Only (RO)	VLF 250/500	VLQ	VFT-15	Industrial VESDA VLI	VLC-EX
Worldwide Approvals	UL, ULC, VdS, CE Mark	LPCB, VdS, AFNOR, UL, ULC, UL268A (in-duct application), FM, NY-MEA, CSFM, ActivFire, CCCF, VNIPO					UL, EN	VdS, UL, ULC, FM, AFNOR, VNIPO	UL, ULC, FM, ActivFire, LPCB, VdS	ATEX, IECEX, UL, FM Hazardous
Hazardous Area Approval (FM Class 1, Div 2, Groups A, B, C, D)	No	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes
Min Fire 1 Threshold	0.001% obs/m (0.0003% obs/ft)	0.015% obs/m (0.0046% obs/ft)				0.025% obs/m (0.008% obs/ft)	0.15% obs/m (0.046% obs/ft)	0.01% obs/m (0.003% obs/ft)	0.15%/m (0.046%/ft)	0.015% obs/m (0.0046% obs/ft)
Detection Range	0.001 - 20.0% obs/m (0.0003 - 6.0% obs/ft)	0.005 - 20% obs/m (0.0015 - 6.0% obs/ft)				0.025 - 20% obs/m (0.008 - 6.0% obs/ft)	0.005 - 3.0% obs/m (0.0015 - 0.915% obs/ft)	0.001 - 20% obs/m (0.0003 - 6.0% obs/ft)	0.005 - 20.0% obs/m (0.0015 - 6.0% obs/ft)	0.005 - 20% obs/m (0.0015 - 6.0% obs/ft)
Two Stage Filter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Patented Intelligent Filter Secondary Foam Filter Sub-sampling Probe	Yes
Area Coverage (Maximum)	2,000 m ² (20,000 sq ft)	2,000 m ² (20,000 sq ft)	2,000 m ² (20,000 sq ft) across 4 sectors	800 m ² (8,000 sq ft)	800 m ² (8,000 sq ft)	250/500 m ² (2,500/5,000 sq ft)	100 m ² (1,000 sq. ft)	1,500 m ² (15,000 sq ft) across 15 sectors	2,000 m ² (20,000 sq. ft)	800 m ² (8,000 sq.ft)
Multiple Pipe Addressability	No	No	Up to 4	No	No	No	No	Up to 15	No	No
Total Number of Alarm Thresholds	4 (Day/Night)	4 (Day/Night)	16 (Day/Night)	3	3	4 (Day/Night)	2	60 (Day/Night)	4 (Day/Night)	3
Relay Outputs	7	7	7 or 12 relays	3	3	3 (Expandable to 6)	3	5 (Expandable to 21)	5	3
On-board Memory (Max. Events)	20,000	18,000	18,000	12,000	12,000	18,000	Up to 1,000	Up to 20,000	18,000	12,000
Flow Sensor Circuit (one per pipe inlet)	4	4	4	1	1	1	1	1 + 1 in chamber	5	1

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AutoLearn™ (Smoke/Flow)	AutoLearn Smoke™ AutoLearn Flow™	Yes (Smoke)	Yes (Smoke)	Yes (Smoke)	Yes (Smoke)	AutoLearn Smoke™ AutoLearn Flow™	Yes (Smoke)	No	AutoLearn Smoke™ AutoLearn Flow™	Yes (Smoke)
EN54-20 Max. no of Holes (Class A / B / C)	80 / 80 / 100	30 / 60 / 100	40 / 40 / 60	30 / 36 / 40	30 / 36 / 40	VLF 250 12 / 12 / 12; VLF 500 30 / 30 / 30	4 / 4 / 4	15 / 15 / 15	24 / 28 / 60	30 / 36 / 40
Bar Graph/Indicator LED	3.5" Colour Touch Screen	Local or Remote (20 segment bargraph display)	Local or Remote (20 segment bargraph display)	Local (5 on-board LEDs). Remote (20 segment bargraph display)	Local (5 on-board LEDs)	Local (7 on-board LEDs 10 Segment Circular Display) Remote display when fitted with VESDAnet card	Local (5 onboard LEDs) 2x7-segment LED display	Yes	Local (5 in line on-board LEDs) Remote display for VLI-885	As per VLC (VN) & VLC (RO)
Programming Tools - On-board Programming module - Handheld Programmer - PC Software (VSC, VSM) via VESDAnet™	PC Software (VSC, VSM4 Host mode USB)	Yes	Yes	Yes	Programmed via RS232 direct connection to PC using VSC™	Programmed via RS232 direct connection to PC using VSC™ or Programmer when VN card is fitted	Onboard DIP switches Xtralis QSC	On-board programmer and PC Software (VSC/VSM4)	BACnet over Ethernet Local USB configuration port Connection to PC using VSC/ VSM4 Programmer for VLI-885	As per VLC (VN) & VLC (RO)
VESDAnet™										
Max. No. of devices/ detectors per loop	200/100	200/100	200/100	200/100	N/A	200/100 (with VN Card)	N/A	N/A	200/100 (VLI-885)	200/100 (VN version)
Max. Distance between Devices	1,300 m (4,000 ft)	1,300 m (4,000 ft)	1,300 m (4,000 ft)	1,300 m (4,000 ft)	N/A	1,300 m (with VN Card)	N/A	N/A	1,300 m (4,000 ft) (VLI-885)	1,300 m (VN version)
Computer-based Management via VSM	Yes	Yes	Yes	Yes	No	Yes	N/A	Yes	Yes	Yes (VN version)
Remote Relay Modules - 7 relay version - 12 relay version	VRT-500 N/A	VRT-500 N/A	VRT-501 VRT-900	VRT-500 N/A	N/A	VRT-500 N/A	N/A	N/A	VRT-500 N/A	VRT-500 (VN version)
Compatible Remote Bargraph Displays - Display, 7 relays - Display, 12 relays - Display, no relays	VRT-200 N/A VRT-600	VRT-200 N/A VRT-600	VRT-400 VRT-800 VRT-700	VRT-J00 N/A VRT-K00	N/A	VRT-V00 N/A VRT-W00 (with VN Card)	N/A	N/A	VRT-Q00 N/A VRT-T00 (VLI-885)	As per VLC (VN) & VLC (RO)

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