

# Detector Configurations

Features						
	VFT-15	VLS	VLP	VLC VESDAnet (VN)	VLC Relays Only(RO)	VLF 250/500
Worldwide Approvals	Vds, UL, FM, CSFM	LPC, VdS, AFNOR, UL, ULC, UL268A (in-duct application), FM, NY-MEA, CSFM, ActivFire, CFE.				
Hazardous Area Approval (FM Class 1, Div 2, Groups A, B, C, D)	No	No	Yes	Yes	Yes	Yes
Sensitivity Range	0.001 to 20% obs/m (0.0003 to 6.0% obs/ft)	0.005 to 20% obs/m (0.0015 to 6% obs/ft)				0.025 to 20% obs/m (0.008 to 6.4% obs/ft)
Two-stage Filter	Yes	Yes	Yes	Yes	Yes	Yes
Area Coverage (Maximum)	1,500 m <sup>2</sup> (15,000 ft <sup>2</sup> ) (across 15 sectors)	2,000 m <sup>2</sup> (20,000 ft <sup>2</sup> ) (across 4 sectors)	2,000 m <sup>2</sup> (20,000 ft <sup>2</sup> )	800 m <sup>2</sup> (8,000 ft <sup>2</sup> )	800 m <sup>2</sup> (8,000 ft <sup>2</sup> )	250/500 m <sup>2</sup> (2,500/5,000 ft <sup>2</sup> )
Multiple Pipe Addressability	Up to 15	Up to 4	No	No	No	No
Total Number of Alarm Thresholds	120 (Day/Night)	32 (Day/Night)	8 (Day/Night)	3	3	8 (Day/Night)
Relay Outputs	5 (Expands to 21)	7 or 12 relays	7	3	3	3 (Expands to 6)
On-board Memory (Max. Events)	Up to 20,000	18,000	18,000	12,000	12,000	18,000
Flow Sensor Circuit (one per pipe inlet)	1 + 1 in chamber	4	4	1	1	1
AutoLearn™ (automatically adjusts system to environment)	No	Yes	Yes	Yes	Yes	AutoLearn Smoke™ AutoLearn Flow™
Supported by ASPIRE2™ Pipe Network Design Software	Yes (transport times only) Predefined networks	Yes	Yes	Yes	Yes	Yes
Maximum No. of Holes	15	60	100	40	40	12/24
Bar Graph/Indicator LED	Yes	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)
Programming Tools - On-board Programming Module - Portable Programmer - PC Software (VSC, VSM) via VESDAnet (when the detectors are connected on the VESDA network)	On-board programmer and PC software (VSC/VSM4)	Yes	Yes	Yes	Programmed via RS232 direct connection to PC using VSC	Programmed via RS232 direct connection to PC using VSC
<b>VESDAnet</b>						
Max. No. of Devices/Detectors per Loop	N/A	200/100	200/100	200/100	N/A	200/100 (with VN Card)
Max. Distance between Devices	N/A	1,300 m (4,000 ft)	1,300 m (4,000 ft)	1,300 m (4,000 ft)	N/A	1,300 m (4,000 ft) (with VN Card)
Computer-based Management via VSM	Yes	Yes	Yes	Yes	No	Yes (with VN Card)
Remote Relay Modules - 7-relay version - 12-relay version	N/A	(Part No.) VRT-501 VRT-900	VRT-500 N/A	VRT-500 N/A	N/A	VRT-500 N/A
Compatible Remote Bar-graph Displays - Display, 7-relays - Display, 12-relays - Display, no relays	N/A	(Part No.) VRT-400 VRT-800 VRT-700	VRT-200 N/A VRT-600	VRT-J00 N/A VRT-K00	N/A N/A N/A	VRT-V00 N/A VRT-W00

The full range of VESDA by Xtralis ASDs are EN 54-20 tested and approved.