



Marketing Release

Vision Systems

17 June 2005

**Line: VESDA
No. 005/2005**

To: APAC VESDA Distributor & Channel Partner,

New Product Release

- **VESDA LaserFOCUS VLF-500**
- **VESDAnet Interface Card for VESDA LaserFOCUS (VIC-010)**



Introduction

Last year Vision Fire & Security released the VESDA LaserFOCUS VLF-250 smoke detector, standalone version. This year we are pleased to introduce the new VLF-500 smoke detector, which brings very early warning smoke detection to smaller critical environments up to 500 m² to complement the VLF-250 detector.

Along with new release of the VESDAnet Interface Card, when fitted into the VESDA LaserFOCUS range of smoke detectors, it now provides seamless VESDAnet communications with the existing range of VESDA products.

Description

The VESDA LaserFOCUS smoke detector brings Very Early Warning Air Sampling Solutions to smaller critical environments. This release provides the following new features:

- VESDAnet Interface Card (VIC-010) compatible.
- Change of polarity at power terminals to match VLP/VLC
- Simpler filter replacement functionality
- Expanded standby functionality

The VESDAnet Interface Card, part number VIC-010, is available to be ordered as a separate detector peripheral and must be installed into a detector by a qualified VESDA accredited contractor. The product is not sold pre-assembled into a detector. The VESDAnet Interface Card (VN Card) is supported by the latest version of the VESDA System Configurator (VSC) software tool.

The parts numbers and the differences between the detector models and demo kits are as follows:

VLF Model Number	Display Type	Language
VLF-250-02	International	English, Simplified Chinese, Traditional Chinese & Korean

VLF-500-02	International	English, Simplified Chinese, Traditional Chinese & Korean
------------	---------------	---

Demo Kit Number	VLF Model	Description
VKT-052	VLF-500-02	This demo kit consist of a VLF-500-02 detector and is labelled "Not for Sale" on the front cover. It also includes ASPIRE2 (VSW-202) and VSC (VSW-100).

In addition, the VESDA LaserFOCUS detector is supported with the latest version of software tools. These are:

Software Number	Name	Description
VSW-100	VSC	Also known as VESDA System Configurator, this is the configuration tool for VESDA detectors. In the near future this tool will supercede VConfig Pro as the configuration tool for all VESDA Laser-based smoke detectors and their associated devices.
VSW-202	ASPIRE2	This is the sophisticated pipe network design and verification software tool. It supports the entire range of VESDA Laser based smoke detectors including the VESDA LaserFOCUS detector.

Availability Dates

The products availability for order with the respective approvals listing is given below. As further approval is attained for VLF, these will be communicated separately.

Product	Date	Approvals / Listing
VLF-250-02	Now	Standalone version UL Listed, FM, CCCF, AFNOR, VdS, LPCB and ActivFire Approved. The VESDAnet Interface Card compatible version is UL-listed, and pending approval at LPCB, AFNOR, VdS, CCCF, FM and ActivFire.
VLF-500-02 (with listed improvements)		
VKT-052	Now	No approvals required - Demo use only
VSC, VSW-100	Now	No approvals required
ASPIRE2-VSW-202	Now	FM approved. Pending approval by ActivFire.
VN Card, VIC-010	Now	UL-listed and currently with various certification and approval bodies (ULC, FM, ActivFire, LPCB, CCCF, VdS and AFNOR) for testing

Note:

Standalone version of VLF-250 and VLF-500 detectors is UL Listed, FM, CCCF, AFNOR, VdS, LPCB and ActivFire Approved.

The VESDAnet Interface Card compatible version is currently only UL-listed, and pending approval at LPCB, AFNOR, VdS, CCCF, FM and ActivFire; we will keep you posted as further approvals are attained.

LaserFOCUS: Key Features & Benefits

The VESDA LaserFOCUS detector continues to deliver the well established suite of unique selling propositions that VESDA smoke detectors hold in the market place including:

- **Absolute calibrated smoke detection** assures response at the selected smoke levels
- **Dual-stage filtration** extends the life and performance of the detector in a range of environments
- **Clean air barrier** protects internal optics, ensuring stable performance throughout the detector life
- **Wide sensitivity range** VESDA can trigger a response appropriate for the level of fire threat
- **AutoLearn** speeds system commissioning, reducing installation and support costs

The VESDA LaserFOCUS detector also introduces new and improved features including:

- **Circular 'smoke dial' display** allows for immediate risk assessment and preventative action
- **Out-of-Box operation** reduces installation, commissioning and servicing costs
- **Field Service Access Door** prevents unauthorized access to the detector
- **Instant Fault Finder** speeds analysis and diagnostics, reducing support costs
- **Ultrasonic Flow Sensing** provides reliable airflow monitoring for assured operation
- **AutoLearn** algorithms (improved and extended to include flow) assess environmental conditions and automatically set acceptable smoke alarm and flow fault thresholds, speeding system commissioning, reducing installation and support costs
- **Pre-engineered pipe network designs** allow design confidence for simple installations
- **RS232 connectivity** enabling sophisticated detector diagnostics and troubleshooting
- **Intelligent software support:**
 - **VESDA System Configurator Software (VSC)** offers a high level of programming flexibility through its on-line and off-line configuration capabilities. Rapid diagnostic abilities, concurrent configuration views, and multi device smoke trending are additional features designed to simplify system design.
 - **ASPIRE2** speeds up and simplifies the design of new and more complex pipe network layouts. Key features such as design wizards, isometric views, an automated design verification process, and improved AutoBalance capabilities ensure that a tailored pipe layout is easy to achieve.

VN Card: Key Features & Benefits

The VN Card allows detectors such as the VESDA LaserFOCUS range to communicate on VESDAnet - the comprehensive fault-tolerant proprietary VESDA communications protocol.

VESDAnet links the VESDA range of detectors, displays, programmers and remote units on the one network to enable sophisticated configuration, monitoring and control from local or remote sites.

Using an appropriate HLI, the information on VESDAnet can be transmitted to 3rd party monitoring and control systems such as Building Management Systems (BMS) and Fire Alarm Control Panels (FACP). The VN Card also allows the LaserFOCUS detector to be used as a cost effective reference detector for other active detectors on a VESDAnet.

The VN Card is fully supported by VSC, which allows sophisticated configuration and commissioning of VESDA systems. VESDA System Management (VSM3) software also allows monitoring, configuration and control of a network of VESDA systems.

Sales and Support Material

The launch of VESDA LaserFOCUS and VN Card has been supported with an updated VLF Information CD, found in your launch pack which will be mailed to you soon. The CD contains detailed information and additional material to aid the sale and promotion of the detector.

Product Info Marketing Applications Presentations Contact Us

Brochure

Datasheet

- VLF-250
- VLF-500
- VN Card

Product Manual

- VLF-250
- VLF-500
- VN Card

Engineering Specification

- VLF-250
- VLF-500

ASPIRE2 Software Download

VSC Software Download

More information is available at www.vesda.com

All trade marks used and referred to in this CD are the property of their respective owners. The use of these trade marks within this CD should not be construed as a license to use these trade marks without the authorisation of the trade mark owners. Except where otherwise noted, all contents are copyright ©2005 Vision Systems. All rights reserved.

Vision Fire & Security - May 2005
Produced by the Asia Pacific Marketing Department

Vision Systems

Spare Parts

Two spare part items are available for the VESDA LaserFOCUS smoke detector. These are:

Spare Part Number	Description
VSP-005	The filter used by VESDA LaserFOCUS detector. It is the same filter as used on the VLP/S/C range of smoke detectors.
VSP-715	The replacement aspirator assembly for the VESDA LaserFOCUS detector.
VRT-V00	Remote Box fitted with VLF Display and 7 Relays

Product Prices

Pricing information will be communicated to you separately. For urgent inquiries on pricing, please contact your VESDA representative or sales office.

Contacts

Please forward any questions regarding this release to:

Jon Miles, BD & Product Manager	+613 9211 7248	jon.miles@vision-fs.com
Meng Hwa Gan, marketing manager	+613 9211 7310	meng.hwa.gan@vision-fs.com