

**PENTAX**

**PENTAX Imaging Company**

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**THIS INFORMATION IS UNDER EMBARGO UNTIL:  
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**PENTAX ANNOUNCES VARIFOCAL PLUS LENS FOR  
HIGH-END SECURITY APPLICATIONS**

GOLDEN, CO (March 16, 2009)...PENTAX Imaging Company has announced the new Varifocal Plus lens for high-end security applications. The new security lens offers a perfect solution to varifocal limitations with true 1.3 megapixel resolution and an installer-friendly design. With optical focus free technology, the PENTAX Varifocal Plus offers zoom lens maneuverability in a varifocal compact package.

The PENTAX Varifocal Plus is ideally matched for high resolution sensors on high-end security cameras. Optical performance is further enhanced with precise back focus adjustment, best suiting this lens for board cameras with a back focus that may be factory pre-adjusted. The Varifocal Plus is a perfect solution for varifocal limitations, high-resolution and high-sensitivity needs. The PENTAX Varifocal Plus lens helps meet the needs of more precise and timesaving CCTV installation through consistent focus technology. This new technology's essential advantage over the competition is the capability of maintaining clear focus in all zooming ranges of the focal length variance. Conventional varifocal lenses have a common disadvantage of losing focus track as the focal length changes. This PENTAX Varifocal Plus lens offers focus-free technology to capture images of objects up close and at a distance with very small distortion or need for refocusing. The fundamental difference of this new product is the capacity for tracking with clear focus as the focal length of the lens changes. PENTAX's Varifocal Plus helps eliminate defocusing problems in crucial installation sites. The necessity of re-adjusting the focus, with focal length or zoom range variation, is an additional cost as well as a great inconvenience for installers. With an innovative focus and zoom interlocking mechanism, the PENTAX Varifocal Plus provides a solution for the problem of total defocusing in zooming due to the independent moves of the focus and zoom lens groups that is found in conventional varifocal lenses.

"This newest PENTAX Varifocal Plus lens is the leading security lens available in the industry," said Tom Harada, Managing Director of Security Systems and Maching Vision Optics, PENTAX Imaging Company.

The PENTAX Varifocal Plus lens will be displayed at the International Security Conference & Exposition (ISC WEST) from April 1-3, 2009 in Las Vegas. The lens will ship in 2009 at a price to be announced.

More information is available here: [www.pentaxcctvus.com](http://www.pentaxcctvus.com)

PENTAX Imaging Company is an innovative leader in the production of security industry lens products, digital SLR systems, compact cameras, binoculars, scopes, and eyepieces. For 90 years, PENTAX technology has developed durable, reliable products that meet the needs of consumers and businesses. With headquarters in Golden, Colorado, PENTAX Imaging Company is a division of Hoya Corporation.

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## PENTAX VARIFOCAL PLUS LENS SPECIFICATION FACT SHEET

Model:	TS3Z213ED-M
Format Size:	1/3 inch (4.8mm x 3.6mm)
Focal Length:	2.6mm-8mm
Maximum Aperture:	1 : 1.3
Iris Range:	F1.3 to F180
Mount:	CS
View Angle (H):	104.4 – 35.5 degrees
MOD:	0.3m
Back Focus:	8.02mm
Iris:	DC Iris with the standard 4-pin connector
Dimension:	44.0mm (W) x 47.5mm (H) x 44.3mm (D)
Weight:	70g