

lenses



SECURITY SYSTEMS DIVISION



DEAR READER!

Despite the global economy still having not entered recovery, we're seeing signs that we've turned the corner. Pentax now sees this as the ideal time to strengthen our position in the market. We plan to do this by concentrating on our core attributes:

QUALITY – PERFORMANCE – RELIABILITY

In this addition of the Newsletter we'd like to highlight our activity for the coming months, including new products that carry our key attributes including our flagship lens, the 55x motorized zoom with new features and also the Varifocal Plus, an innovative vari-focal that track focuses for easy setup.

Around the world there are many security industry authorities and organizations which rely on PENTAX lenses. Under <http://www.youtube.com/watch?v=ZvdoyEO74Bk> you'll see an uploaded news article showing the impressive optical performance of our 55x motorized zoom lens installed in the Middle East. The impressive system was made possible by the collaboration of multiple manufacturers coordinated by one of Pentax's largest customers.

Continue reading to find out what else is happening in the coming months.

Best regards

Thomas Feichtner
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Security Systems Division

NEWS 2009

In the Pipeline: H55ZAME-F-PAIR01, PENTAX Atmospheric Interference Reduction PLUS Autofocus

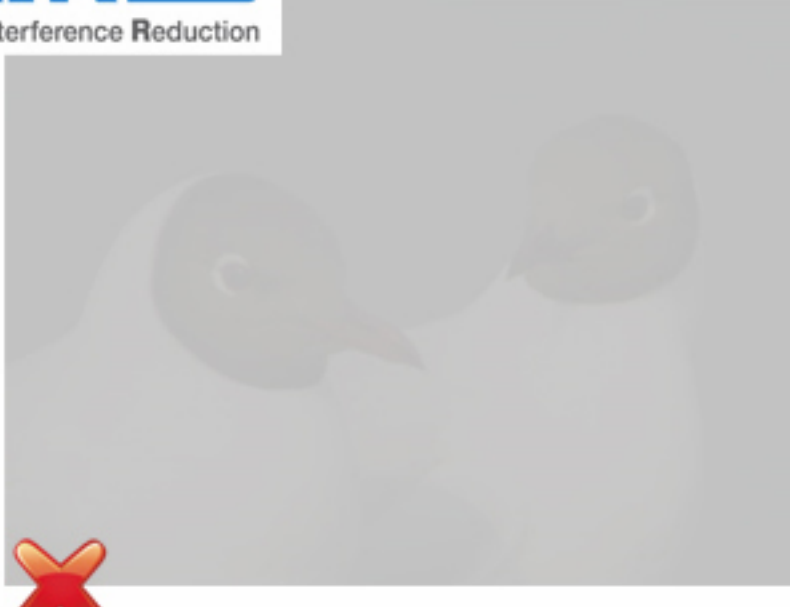
The successful 55x zoom lens C61244WP (Focal Length 12 to 1680 mm) will be available in the future not only with preset and iris remote control, but also with PAIR and autofocus. PAIR (PENTAX Atmospheric Interference Reduction) reduces atmospheric disturbances by solid or liquid particles. They are, for example, fog, smoke, snow or sand. The auto focus works on the push of a button. It is used for a quick adjustment of sharpness, but of course the focus can also be set as usual via keyboard and controller.

PAIR helps reduce atmospheric disturbances and so makes objects visible which would have otherwise remained hidden.



PAIR

Pentax Atmospheric Interference Reduction



Auto-Focus - Quick and simple on the push of a button.



The main use of this lens is anticipated to be for Homeland Security projects such as the monitoring of port facilities, border control and coastal protection, but it can also be utilised in surveillance at sports stadiums, major traffic hubs and public places.

New Price List 2/2009

We've very recently received news about price changes within the Pentax range, so as such we have compiled a new price list. Price list 2/2009 will be available as an Excel download from the PENTAX website.

You will find it at the SECURITY SYSTEMS section under DOWNLOADS.

Varifocal Plus – C70228HK: The Megapixel Lens That Track Focuses!

With the Pentax Varifocal Plus we offer the world's first varifocal lens that can track focus during setup. This means for the first time you can get the compact design of a varifocal lens with an easy to install function of a zoom. In addition the lens gives 1.3 megapixel resolution.

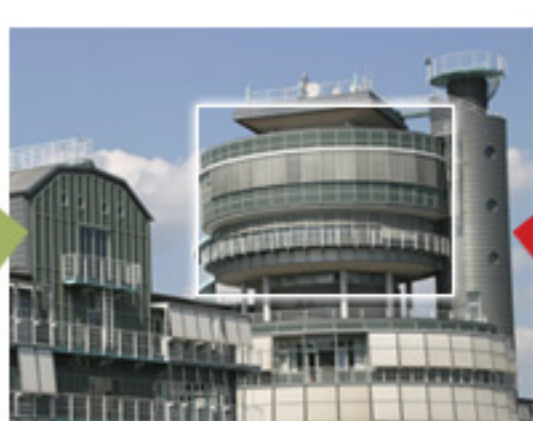
The varifocal Plus is the perfect solution to the limitation of conventional varifocal lenses when the focus shifts during adjustment of the focal length (zoom). This advantage is particularly evident when used on IP cameras. Because IP cameras transmit the image with a certain delay, it is difficult to adjust the focus precisely on the monitor screen. With the varifocal Plus this problem a thing of the past.

The 1/3" CS mount lens has a 2.6-8mm focal range and a maximum aperture of F1.3, which are the most common requirement for vari-focals.

The patented focus mechanism works by moving multiple lens elements rather than only a single element as before so re-focussing is no longer necessary when the focal length is changed.



VARIFOCAL Plus Zooming without Re-Focussing



Standard Variofocal lens Re-Focussing when Zooming



The New High Speed 16x Zoom Lens

We are now offering the new 16x zoom lenses with high speed motors on both zoom and focus mechanisms, working end to end in 2.5 seconds.

The lenses can be ordered in the following order codes:

- C60728ZK H16ZME-5P (ZK) - with Presets
- C60727ZK H16ZME-5F (ZK) - with Presets and iris remote control

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