



lenses

NO. 12/2008 – SECURITY SYSTEMS DIVISION



www.pentax.eu

CCTV
Security Systems Division

Dear Reader,

Once again, PENTAX LTD is proud to look back on a successful year despite some uncertainties in the market and changes in business over the last 12 months. First of all there was economic recession, which affected all our security divisions, and secondly we experienced the take-over of our mother company PENTAX by the Japanese company HOYA. We are sure that we were only able to achieve such a positive year-end based on the cooperation of our valued customers.



Moving forward, our strategy is, as always, to offer you the highest quality lenses we can. We don't only care about the product; we also make every effort to supply our direct and indirect customers with after-sales service and support. The positive feedback we have had at all international exhibitions and at smaller in-house exhibitions indicate that we are providing a high quality service.

We would like to thank you for your contribution to our success and take this opportunity to wish you and your family all the best for the upcoming year on behalf of the Security Systems Divisions in Europe.

Merry Christmas!

Best Regards,

Thomas Feichtner
Intl. Sales & Marketing Manager



PENTAX

Trade Fair Innovations 2008/2009

16x zoom lens H16ZME-5(-5P/-5F)

The new 16x zoom lens has a focal length range of 7.5-120mm. Although the focal length range is enlarged compared to our existing 15x zoom, it was possible to downsize the dimensions to 118.5mm x 78mm x 86mm (l x w x h).

Based on this feature the 16x zoom H16ZME lens can be placed into smaller external housings and the light weight guaranties a high stability on the pan and tilt head. Nevertheless, it has attained a commendable Maximum F-Stop of F1.6.

TS3V212ED Varifocal lens (2.9-8.5mm F1.2)

This new Varifocal lens was developed to produce a high image quality, combined with a highly durable construction. The resolution is not only appropriate for standard cameras, but



Part No.:	C70224
Designation	TS3V212ED
Focal Length	2.9-8.5mm
Max. Aperture	F1.2
Iris Range	f1.2-300
Min. Object Distance	0.35m
Horizontal Angle of View	33°24'-96°12'
Iris Operation	DC
Format Size	1/3"
Mount	CS

also for high resolution cameras. In individual cases the TS3V212ED (HK) can also be used with megapixel cameras.

Due to the integration of existing components, it is possible to offer the lens at a very attractive price!

H55ZAME-5F, H55ZAME-FRS232C

With the new 55-times zoom we listened to our end user's wishes and increased the power of the optical range extender, which is able to increase the focal range by a factor 2.5. The new lens' focal length range is now 12-1680mm, which equates to a 140x zoom range. The Maximum F-Stop stays at F4.0.

To offer PC controllability for the first time, the lens is supplied with a RS232C interface. The software, which is supplied with the lens, assists in remote operation of motor and iris functions as well as the ability to view the image on the PC. To allow integration of the lens into an established infrastructure without upgrading the



system with separate software, the interface is left open.

These lenses are highly suitable for border and coastal protection, sports stadia, city centres and major public places.

5 Megapixel lenses for Line-Scan image processing YK5028A-02, YF5028A-02, YK5028A-035, YF5028A-035

The new 50mm F2.8 Line-Scan lenses are constructed for use in the harsh environment of industrial applications, with their metal construction; they are especially robust and have long time durability. The focus and iris rings are combined with locking screws to protect against accidental manipulation.



Because of the increased importance of installation size in modern image processing, the lenses are even smaller with an aperture of 60mm compared to earlier models.

All lenses are available with K and F mount.

Day/Night Varifocal lenses TS4V212ED-Q (HK) & TS7V714ED-Q (HK)

For the first time the new Day/Night Varifocal lenses were introduced at the exhibition "Security" in Essen, Germany. In comparison to the existing series of Varifocal

lenses the two new Varifocals have an increased focal length range, in a compact design whilst retaining commendable low light capabilities.

Part No.	C70227HK	C70700HK
Designation	TS4V212ED-Q (HK)	TS7V714ED-Q (HK)
Focal Length	2.8-12mm	7.5-50mm
Max. Aperture	F1.2	F1.4
Iris Range	f1.2-360	f1.4-360
Min. Object Distance	0.2m	0.5m
Horizontal Angle of View	23°48'-98°30'	5°38'-36°36'
Iris Operation	DC	
Format Size	1/3"	
Mount	CS	
Remarks	Day/Night	



QD3ZMED pan focus zoom lens

The QD3ZMED is a 2.8-7.3mm F1.9 pan focus zoom lens for 1/4" board cameras.

The specialty of pan focus optics is that they have the characteristic to create a sharp image from their minimum object distance to infinity without any refocus-

ing. The installation is quite simple: just set the focus to 1,8m and the whole picture will be sharp.

The focal length is controlled by a stepping motor and iris control is automatic. The board camera mounting bracket is also supplied with the lens.

New pricelist 2009

Right on time for the end of the year we will finish our new pricelist for 2009. We would like to ask you to pay particular attention to the 16x zoom lenses and the day/night Varifocal lenses. Furthermore, high resolution lenses for image processing, which cover line scan and matrix sensors, are now available.



New Employees at PENTAX

The Security Systems Division is Growing

We are happy to welcome three new colleagues to the PENTAX Corporation: Natacha Brouart, Kirstin Bell and Mareile Wettstädt.



Since October 2008 Mrs. **Natacha Brouart** has been working as a Sales Representative supporting our French subsidiary in Argenteuil. Prior to her job at PENTAX, Mrs. Brouart worked in security for a distributor as a Product Manager for seven years. She is now in charge of the Security and Image Processing products in the South of France.



In July 2008 Miss **Kirstin Bell** joined us as the Divisional Coordinator for sales administration in England. Miss Bell has several years of experience in the same position, and prior to this had been working as a sales representative for another company. At PENTAX UK she assists the whole team with order processing. Furthermore she stays in touch with the head office in Hamburg, Germany and coordinates the cooperation of all parties between the sales in England, Ireland and Germany.



Since 1st of October Miss **Mareile Wettstädt** has been working as a Sales Administrator in Germany. At the moment she is a trainee at PENTAX Hamburg, and we are happy she could join us whilst completing her studies. Amongst other things, Mareile will work as an administrator for the South of Germany, as well as providing support for PENTAX UK and the distributors in other states of Europe, the Middle East and Africa.

PENTAX SSD Branch Offices

GERMANY, AUSTRIA EUROPE, MIDDLE EAST, AFRICA

PENTAX Europe GmbH
Security Systems Division
Julius-Vosseler-Str. 104
22527 Hamburg
Germany
Tel: +49-(0)40-5 61 92-109
Fax: +49-(0)40-5 61 92-334
Email: ssd@pentax.de
Web: www.pentax.de

UNITED KINGDOM, IRELAND

PENTAX U. K. Limited
Security Systems Division
Heron Drive
Langley, Slough SL3 8PN
England
Tel: +44-(0)1753-79 27-22
Fax: +44-(0)1753-79 27-94
Email: cctv.sales@pentax.co.uk
Web: www.pentax.co.uk

FRANCE

PENTAX France S. A. S.
Security Systems Division
112 Quai de Bezons, B.P. 204
95106 Argenteuil Cedex
France
Tel: +33-(0)1-30 25 75 75
Fax: +33-(0)1-30 25 74 47
Email: cctv@pentax.fr
Web: www.pentax.fr

BELGIUM, NETHERLANDS, LUXEMBOURG

PENTAX Europe GmbH
Security Systems Division
Julius-Vosseler-Str. 104
22527 Hamburg
Germany
Tel: +32-(0)2-3 06 11 97
Fax: +32-(0)2-3 06 12 97
Email: cctv-info@pentax.com
Web: www.pentax.nl
www.pentax.be

SWITZERLAND

PENTAX (Schweiz) AG
Security Systems Division
Widenholzstr. 1, Postfach 367
8305 Dietlikon
Switzerland
Tel: +41-(0)44-8 32 82 82
Fax: +41-(0)44-8 32 82 99
Email: cctv@pentax.ch
Web: www.pentax.ch