



New FCB-EX "E" Series of Color Block Cameras Announced

Complete with "True" Progressive Scan, SONY's new FCB-EX "E" series will replace popular FCB-EX "C", FCB-EX "D" and FCB-PV series

July 16, 2010 - SONY has introduced their newest imaging option in color block cameras; the FCB-EX E Series.

Remaining on the cutting edge of the imaging industry, this new addition to the Sony family incorporates the replacement of multiple part options for different lenses, and has digital output available in each of the series models.

The following part replacements illustrate the convenience of this new Sony FCB-EX E Series camera:

C and D versions: = E version replacement part:

- [FCB-EX1010/P](#) and [FCB-EX1000/P](#) = [FCB-EX1020/P](#)
- [FCB-EX990D/P](#) and [FCB-EX980S/P](#) = [FCB-EX995E/P](#)
- [FCB-EX980/P](#) = [FCB-EX985E/P](#)
- [FCB-EX490D/P](#), [FCB-EX480C/P](#), [FCB-PV480](#) = [FCB-EX490E/P](#)
- [FCB-EX48C/P](#), [FCB-IX47C/P](#), [FCB-IX45C/P](#) = [FCB-EX48E/P](#)

Exclusive to the new Sony FCB-EX E Series cameras are the following functions:

- 3D Noise Reduction
- New 28x zoom lens
- "True" Progressive Scan
- Temperature read out
- Color enhancement

Upgrades to previous models include:

- Increased Horizontal Resolution (D version: 530 TV lines, versus the FCB E ver. Series are 550 TV lines).
- Auto Wide-D mode is now available in both the Interlace and Progressive Scan modes.
- Image Stabilization encompasses a new method using digital zoom. When a CCD image is written into the memory, it is trimmed, and the gyro sensor determines its readout position. Enlargement of the image is by digital zoom in response to screen size and then the image is output.
- Stable Zoom is achieved with the first activation of the digital zoom at 1.2x, bringing the camera into the Image Stabilization mode.
- White Balance upgrades feature the Outdoor Auto and Sodium Vapor Lamp modes. The Sodium Vapor Lamp Mode (SVLM) is useful when shooting under sodium vapor street lamps, where, because of the lamp source, pictures tends to be yellowish. With the new FCB E ver. Series SVLM mode, the camera properly takes in white.
- The Operating Temperature now has an extension of range from minus 5 degrees centigrade to 60 degrees centigrade.

The new 28x zoom lens, developed exclusively for the FCB-E Series, replaces the current 26x zoom lens, is brighter (F1.35), faster (at a high-speed zoom of 2.5 seconds (target), and is equipped with a highly durable focus motor.

Whatever your needs, the Sony FCB-E Series color block camera has your solution! Additional upgrades are available for each specific need.



About Aegis Electronic Group

[Aegis Electronic Group, Inc.](http://www.aegis-elec.com), specializes in the distribution, integration and support of visible and Near IR cameras, components and modified integrated system solutions for industrial and machine vision imaging applications.

Aegis works extensively with the latest digital technologies including FireWire®, Camera Link, USB 2.0 and Gigabit Ethernet (GigE)® to meet the ever changing needs of our customers.

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For more information:

Gail De Salvo
Aegis Electronic Group, Inc.
(760) 729.2026
<http://www.aegis-elec.com>