

Focused On Cameras



PHILIPS

Newsletter Date 3/31/00

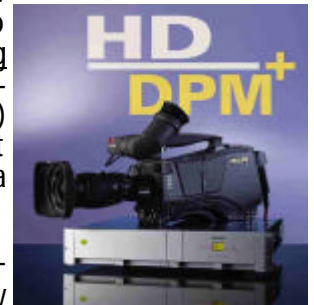
Volume 1, Issue 1

Q-1 Camera Mentor

Let's Focus on the LDK 6000


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When the LDK-6000 debuts at NAB-2000 it will truly be the first year that we at Philips can say that we have a HDTV camera solution for today's US market. What appears to be "a traditional HD broadcast TV camera product" will prove to be much, much more than traditional? We now can offer a very high-end imaging product that will open new opportunities in markets that were not seen on our radar screens ever before. For example' the Medical community (hospital/research) are new potential markets that have the funds (\$\$) and the interest in a lightweight HD camera which is easily attached to microscope interfaces (B4 mount) or to a Castle surgical light, or maybe a fiber-optic bundle.



The US military has shown a very strong interest in a progressive format 720P cameras that can be placed inside of a *WesCam* helicopter dome. With very good low light-level capabilities and very good signal to noise (SN) who knows you may even be asked if the LDK-6000 can be mounted in a Tank or on a Launch Pad or in a C-130 recon ices aircraft. The Computer graphics imaging people are also new potential customer. In graphics rooms, where high level capturing of images is required the LDK-6000 in EFP configuration is just the ticket. Remember that the LDK-6000 is the only "true frame progressive 720P FT native sensor camera in the world.

LDK-6000 Features

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| <ul style="list-style-type: none">• Three versions will be introduced at NAB-2000:<ul style="list-style-type: none">1080i60 (HD-FT technology)720p60 (HD-FT technology)1080i60 <u>and</u> 720p60 switchable (HD-DPM+ technology)• High Definition Triax transmission• Triax-HD is based on Y/Cr/Cb transmission at 30/15/15MHz• Triax-HD lengths 3300 ft using 14mm Triax cable
2300 ft using 11mm Triax cable
1600 ft using 8 mm Triax cable• First HD camera with 12-bit A/D converters• Full digital processing (2 new DSP's)• Focus assist tools on viewfinders• SuperXPander to use Large Lenses• Docks to new Triax-HD adapter (available Q3)• Docks to new ENG adapter (available Q3) | <ul style="list-style-type: none">• Comprehensive and cost-effective<ul style="list-style-type: none">1.5 G/bits at the B/S and or EFPAnalogue YUV via 26 pinNTSC at BNCRS-232 for control (PC or "NEW" LCP100)11 to 17 V DC power for Teleprompter• Compatible with Series 9000 Control System
Series 9000 Control Panels can be re-used• Full access to LDK6000 with MCP2 only:
LDK4609 (MCP-2)• New modular HDTV base station<ul style="list-style-type: none">Small size 2-RU's high, low weight (38 lbs)Simultaneous HD and high-end SD outputsExtremely robust construction• No de-interlacing devices required• LDK 6000 HD-DPM+ 720P/1080i HD Triax, Rotary System: <u>\$141,694.00</u> List Price |
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Third Generation HD Camera

Let's Focus on the LDK-200

- Based on Philips LDK 20P Functionality
 - .Remote controlled filter wheels (3x ND, 3x FX, Elect-CC)
 - .Frame Transfer DPM™ CCD image sensor
 - 4:3 / 16:9 aspect ratio switching using DPM™
 - .Two audio channels
 - .Two return video channels
 - .Teleprompter output (incl. DC output for TFT prompters)
 - .Tracker and Data functionality
- Ergonomics and dockable concept based on LDK100 family
 - .Weight 4.9 Kg (incl. VF)
 - .Rotary Triax, Optional handgrip zoom
- Dockable with a wide range of adapters (DVCPRO, ENG, etc.)
- The LDK 200 quickly slips into the SuperXPander
 - .Capabilities of a full studio camera,
 - .Mount to full range of studio and outside broadcast lenses
 - .7 inch viewfinder
- High-contrast scene reproduction
 - .thanks to the supreme dynamic range of the DPM™ CCD's
 - .True Color Knee
- Fully digital settings for easy scene reproduction
 - .>22 Bit accuracy of DSP's
 - .No non-linear analog circuits
- Digital Knee, Preset Gammas, Preset Matrixes, Variable Matrixes
- LDK 200 DPM Triax, Rotary System (Incl. Triax Adapter) \$ 85,123.80 List



LDK-200 Triax



LDK-200 in SuperXPander

