

product fact sheet

## LDK 200 ITW

*Affordable High-Performance Digital Camera*



Grass Valley™ products from Thomson Broadcast & Media Solutions offer the most comprehensive, multi-format solutions for acquisition, production, storage, and playback—and a strong foundation for centralized, proactive status and activity monitoring. These solutions include one of the broadest selections of standard-definition (SD) and high-definition (HD) digital video cameras.

Unique in concept and design, the Grass Valley LDK 200 ITW combines high-quality digital signal processing with a rugged, lightweight, and flexible design to satisfy a wide range of equipment budgets.

Supporting triax and wireless transmission adapters and a full complement of digital video recording formats, including DVCPRO and DVCPRO50, the LDK 200 ITW uses newly developed and advanced IT widescreen CCD sensors that offer a very low smear (140 dB) and extremely high sensitivity.

This high sensitivity lets you shoot in a variety of low-light and high-contrast situations. In both cases, the camera's CCD architecture ensures that the vibrant colors and detail of the original scene are preserved and transferred artifact-free.

Leveraging three cost-effective 2/3-inch Interline Transfer (IT) CCD sensors, the LDK 200 ITW features 12-bit A-to-D conversion, switchable aspect ratio (4:3/16:9), and a 22-bit DSP capability to capture more visual information than any comparable product on the market.

Additionally, the dockable design of the LDK 200 ITW and its rugged magnesium housing provide the ideal package for broadcasters and mobile production companies that shoot in multiple formats and demand reliable operation on a daily basis.

Weighing just 10.8 lbs. (4.9 kg), including a 1.5-inch viewfinder and triax adapter, the LDK 200 ITW features excellent balance and contemporary ergonomics for very comfortable hand-held shooting.

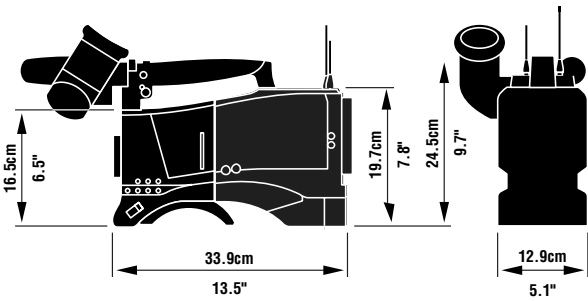
With individually selectable ND and FX filters plus electronic gel filters, the LDK 200 ITW can add even more creativity to your palette. An optional zoom control in the handgrip places lens control at your fingertips, offering even more mobility.

At home in the field or the studio, the LDK 200 ITW combined with the LDK 5430 triax adapter, fully supports the increasingly popular TFT teleprompters with prompter signal, tally, and power capabilities built in. It is also fully compatible with the complete range of Grass Valley LDK camera accessories, including base stations and SuperXpander handheld-to-studio conversion kits, viewfinders, encoders, and remote control panels, including C2IP™ Ethernet camera control system.

### key features

- Outstanding picture quality provided by 12-bit A-to-D conversion
- High-sensitivity, low-smear, 2/3-inch ITW CCD sensors
- Switchable between 16:9 and 4:3 aspect ratios
- Sensitivity of 2000 lux at F14
- Low S/N ratio
- Lightweight design
- Dockable to triax adapters, wireless adapter and DVCPRO50 recording adapters
- Remote selection of three-layer filters
- Supports Grass Valley C2IP Ethernet camera control system
- Supports Grass Valley Digital Wireless Triax Camera System
- Supports full range of Grass Valley camera accessories
- Low power consumption

LDK 100/200 Dimensions



LDK 4452 Base Station



World Class Service

Grass Valley products from Thomson are built to exact standards and backed with a comprehensive hardware and software warranty that includes:

- Technical phone support during regular business hours in your area
- Online database of frequently asked questions (FAQ)
- Advance exchange of product modules

We also offer enhanced services such as:

- Professional Consulting Service (Network Design & Installation)
- Expert Onsite Support (Commissioning & Preventative Services)
- Service & Parts Support Agreements
- Technology & Continuing Education Programs
- Product Operation & Maintenance Training Programs

For more information, please visit [www.thomsongrassvalley.com/support](http://www.thomsongrassvalley.com/support).

About Thomson Broadcast & Media Solutions

If you watch TV or go to the movies, you've seen Grass Valley products at work. That's because we offer the most comprehensive, multi-format solutions for acquisition, production, storage, and playback—and a strong foundation for centralized, proactive status and activity monitoring. With Emmy® award-winning products and world-class technical and service expertise, we're the experts in professional video and film technologies—especially as broadcast, television, and film production go digital. And we've got the Emmy award-winning technologies and the top-flight customers to prove it.

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