Thomson Grass Valley Product List

Broadcast Products

Cameras/Camcorders

● Infinity™ Series ENG/EFP Systems
  - Infinity Digital Media Camcorder
  - Infinity Digital Media Recorder
  - REV PRO™ Digital Media Drive
  - REV PRO Removable Disk Media

● Standard-Definition Cameras
  - LDK 300 Camera
  - LDK 400 Camera
  - LDK 500 Camera
  - LDK 20S Camera
  - LDK 23HS mk II Camera
  - LDK 5000 Camera
  - LDK 1707 Camera
  - Microcam™ Compact Camera Head System

● High-Definition Cameras
  - LDK 4000 Single-Format Camera
  - LDK 6000 mk II Standard Camera
  - LDK 6000 mk II WorldCam Camera
  - LDK 6200 HD Super SloMo Camera
  - Venom FlashPak Solid-State Recorder

● Digital Cinematography Cameras
  - Viper FilmStream™ Camera
  - Venom FlashPak Solid-State Recorder

● Robotic Camera Systems
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Camera Transmission/Repeater Systems

- Digital Triax Wireless Camera System
- Digital Triax Transmission System
- DigiLink Cost-Effective SD Digital Transmission System
- Triax HD Repeater System

• Camera Control Systems
  • C2IP Ethernet-Based Camera Control System
  • CCU 1685 Triax Camera Control Unit
  • CCU 1686 Triax Camera Control Unit
  • CCU DT500 Digital Triax Camera Control Unit
  • Series 9000 Camera Control System
  • MCP Master Control Panel
  • LCP 100 Local Control Panel
  • OCP 42 Operational Control Panel
  • LDK 4635 Digital Camera Monitoring Unit
  • Camera Data Switch

• Camera Accessories
  - Adapters
    • LDK 4482 SuperXPander
    • LDK 5031 Heavy-Duty LDK Tripod Adapter (except LDK 1707)
    • LDK 5311 Quick-Mount Adapter for LDK 100, LDK 200 Series

Cameras and Camcorders
  • LDK 5390 Wide-Angle Adapter For 1.5-Inch Viewfinder

- Smart-Touch™ Software
- Viewfinders
- Rain Covers
- Flight Cases

Switchers/Effet

• Kalypso™ Video Production Center Family
  - Kalypso Classic SD Video Production Center
  - Kalypso HD Video Production Center
  - Kalypso Duo Video Production Center

• XtenDD™ Digital Production Switcher Family
- XtenDD Standard-Definition Production Switcher
- XtenDD HD High-Definition Production Switcher

• KayakDD™ SD Digital Video Production Switcher Family
  - KayakDD 1 M/E Digital Switcher
  - KayakDD 2 M/E Digital Video Production Switcher

• Kayak HD SD/HD Digital Video Production Switcher Family
  - Kayak HD 1 M/E High-Definition Switcher
  - Kayak HD 2 M/E High-Definition Switcher

• Zodiak™ Digital Video Production Switcher

• Digital Video Effects Systems
  - GVeous™ Digital Video Effects System
  - Kurl™ Effects Option for Kalypso™ and Zodiak™ Systems

Newsgathering/Production

• Infinity™ Series ENG/EFP Systems
  - Infinity Digital Media Camcorder
  - Infinity Digital Media Recorder
  - REV PRO™ Digital Media Drive
  - REV PRO Removable Disk Media
  - Infinity Digital Media Camcorder
  - Infinity Digital Media Recorder
  - REV PRO™ Digital Media Drive
  - REV PRO Removable Disk Media

• Ingest & Browsing Systems
  - NewsBrowse™ Web-Based Browser/Editor
  - IngestStation™ Automated Tape Digitization System
  - FeedClip™ Interactive Feed Capture System

• Nonlinear Editing Systems
  - NewsEdit™ XT Nonlinear Editor Workstation
  - NewsEdit LT Laptop-Based Nonlinear Editor
  - NewsEdit SC Software-Based Nonlinear Editor
  - NewsEdit SCE Editing and High-Resolution Review Station

• Servers, Shared-Storage, iVDR & Archive Systems
  - Profile® 6G Servers
- PVS 3000 — SD & HD in the same frame in side-by-side operation
- PVS 3500 — SD & HD on the same timeline with up- and down-conversion capabilities
- Profile XP Media Platform Servers
- PVS 1100 SD Platform
- PVS 2000 HD Platform
- M-Series™ intelligent video digital recorder (iVDR)
- Grass Valley Network Attached Storage System (NAS)
- Grass Valley Open SAN Architecture
- Profile Network Archive

- Play-to-Air Systems
- NewsQ™ Pro Integrated News Playout System
- NewsQ Manual Playback System

- Ignite™ Integrated Production Solutions
- XSwitch KVM, A/V, and Control Routing System
- WebSTATION™ Live or On-Demand Web Viewing

Servers/Media Storage

- K2™ Media Server/Media Client Systems
- Profile® Server/Storage Systems

- Profile 6G Family
- PVS 3000 — SD & HD in the same frame in side-by-side operation
- PVS 3500 — SD & HD on the same timeline with up- and down-conversion capabilities
- PVS 3000 — SD & HD in the same frame in side-by-side operation
- PVS 3500 — SD & HD on the same timeline with up- and down-conversion capabilities
- Profile XP Media Platform Family
- PVS 1100 SD Platform
- PVS 2000 HD Platform
- PVS 1100 SD Platform
- PVS 2000 HD Platform
- Profile PDR Platform Family
- PDR 200 M-JPEG Platform
- PDR 300 MPEG Platform
- PDR 400 DVCPRO Platform
- PFP 500 RAID Storage Solution
- Grass Valley™ Open SAN System
- Profile Software Developers
- Profile Network Archive

- M-Series™ intelligent video digital recorder (iVDR)
- Turbo™ intelligent digital disk recorders (iDDRs)
- Grass Valley™ Software Developers
- Grass Valley DVCPRO & DVCPRO50 VTRs

Routers & Control

- Large, Single Format Routers
  - Trinix™ Digital Video Routing Switcher
  - Apex™ Audio Routing Switcher
  - 7500 WB Wideband Digital Routing Switchers
  - 7500 NB Narrowband Digital Routing Switchers

- Mid-Sized, Mixed-Format Routers
  - Venus™ Routing Switcher (up to 256x256)
  - Concerto™ Series Routing Matrix (up to 128x128)

- Small Single- and Mixed-Format Routers
  - Compact Venus™ Routing Switchers (up to 32x32)
  - Triton™ Routing Switchers (up to 64x64)
  - Acappella™ Utility Router Line (16x4)

- Control Systems
  - Encore™ Facility Control System
  - Prelude™ Embedded Control System
  - Jupiter™ Control System
  - Jupiter AccuSwitch™ Controller
  - Series 7000 Control System

Master Control

- Maestro™ SD/HD Branding and Master Control System
- M-2100 SD Digital Master Control System
- M-2100 HD Digital Master Control System
- Saturn™ Master Control Systems

Modular Products

- Gecko™ Signal Processing System
  - NetCentral™ Software For SNMP-Based Remote Monitoring
  - 8900FSS 4:2:2 Frame Synchronizer/Delay Submodule
  - 8900NET Network Interface Module
  - 8901 Utility Analog Video Distribution Amplifier
  - 8902 Analog Video Equalizing Distribution Amplifier
- 8906 Analog Video Clamping Equalizing Distribution Amplifier w/ SNMP
- 8910ADA-M Monaural Analog Audio Distribution Amplifier
- 8910ADA-SR Stereo Analog Audio Distribution Amplifier With Remote Control
- 8910ADA-ST Stereo Analog Audio Distribution Amplifier
- 8911 AES/EBU Reclocking Distribution Amplifier
- 8912RDA AES/EBU Digital Audio Reclocking Distribution Amplifier
- 8912RDA-D Dual AES/EBU Digital Audio Reclocking Distribution Amplifier
- 8914 Dual AES/EBU Digital Audio Delay Distribution Amplifier
- 8916 AES/EBU Audio Auto-Tracking Digital Audio Delay Distribution Amplifier
- 8920ADC Audio A-to-D Converter
- 8920ADT Audio A-to-D Converter With Audio Tracking Delay
- 8920DAC Audio D-to-A Converter
- 8920MUX Video/Audio Multiplexer
- 8920DMX Video/Audio Demultiplexer
- 8921ADT Four-Channel Audio A-to-D Converter With Delay Tracking
- 8921DAC Four-Channel Audio D-to-A Converter With Delay
- 8931 Digital Video Fanout Distribution Amplifier
- 8937 SDI/ASI Reclocking Equalizing Distribution Amplifier
- 8937D Dual SDI/ASI Reclocking Equalizing Distribution Amplifier
- 8941 Component Digital Video Monitoring Distribution Amplifier
- 8950ADC Component A-to-D Converter
- 8950DAC Component D-to-A Converter
- 8960DEC NTSC/PAL-to-SDI Decoder
- 8960ENC SDI-to-NTSC/PAL Encoder
- 8964DEC Four-Channel NTSC/PAL-to-SDI Decoder
- 8964ENC Four-Channel SDI-to-NTSC/PAL Encoder
- 8964FS Four-Channel SDI Frame Synchronizer
- 8964MON Four-Channel SDI to NTSC/PAL Monitoring Converter
- 8981FS SDI Frame Synchronizer/Delay
- 8981NR 270 Mb/s SDI Noise Reducer Module
- 8990ARC SDI Aspect Ratio Converter
- 8503 Precision Analog Distribution Amplifier
- 8504 Analog Video Delay Distribution Amplifier

• Kameleon™ Media Processing System
- NetCentral™ Software For SNMP-Based Remote Monitoring
- KAM-SD SDI Front Processing Module
- KAM-AV NTSC/PAL Front Processing Module
- KAM-ADC-S 4-Channel Audio A-to-D Sub-module
- KAM-DAC-S 4-Channel Audio D-to-A Sub-module
- KAM-AA-R Analog Audio Rear Module
- KAM-MIX-R Mixed Audio Rear Module
- KAM-AES-R AES Rear Module
- KAM-DEC-2AES Decoding Frame Sync, AV/AES to SD/AES
- KAM-DEC-2AES-MUX Decoding Frame Sync/Mux, AV/AES to SD/EA
- KAM-DEC-4ADC Decoding Frame Sync, AV/AA to SD/AES
- KAM-DEC-4ADC-MUX Decoding Frame Sync/Mux, AV/AA to SD/AES
- KAM-ENC-2AES Encoding Frame Sync, SD/AES to AV/AES
- KAM-ENC-2AES-DMX Encoding Frame Sync/Demux, SD/EA to AV/AES
- KAM-ENC-4DAC Encoding Frame Sync, SD/AES to AV/AA
- KAM-ENC-4DAC-DMX Encoding Frame Sync/Demux, SD/EA to AV/AA
- KAM-SD-2AES Digital Frame Sync, SD/AES to SD/AES
- KAM-SD-2AES-MUX Digital Frame Sync/Mux, SD/EA to SD/AES
- KAM-SD-2AES-DMX Digital Frame Sync/Demux, SD/EA to SD/AES
- KAM-SD-4ADC-DMX Digital Frame Sync/Demux, SD/AA to SD/EA
- KAM-HDD HD Processing Amplifier with Down-Converter
- KAM-HDD-FS SD/HD Frame Synchronizer
- KAM-HDD-FS SD/HD Frame Synchronizer with Down-Converter
- KAM-XM-DNC HD Down-Converter
- KAM-XM-MPEG-AR SDI MPEG Artifact Remover
- KAM-XM-SDNR SDI Noise Reducer
- KAM-XM-SDNRC SD Noise and Film Grain Reducer
- KAM-XM-UCG General Purpose HD Up-Converter
- KAM-XM-UDC HD Up/Down-Conversion
- KAM-XM-UNC HD Up-Converter with Advanced Noise Reduction
- KAM-XM-UPC HDTV Up-Converter
- 2000GEN Genlock Reference Module
- 2000NET Network Interface Module
- 2010RDA AES/EBU Digital Audio Reclocking Distribution Amplifier
- 2010RDA-16 AES/EBU Digital Audio Reclocking Distribution Amplifier
- 2010RDA-110 AES/EBU Digital Audio Reclocking Distribution Amplifier
- 2011RDA-110 AES/EBU Digital Audio Reclocking Distribution Amplifier
- 2020ADC 4-Channel Audio A-to-D Converter
- 2020DAC 4-Channel Audio D-to-A Converter
- 2030RDA SD Reclocking Distribution Amplifier
- 2031RDA-MM SD Reclocking Distribution Amplifier with Multi-Mode Fiber I/F
- 2031RDA-SM SD Reclocking Distribution Amplifier with Single-Mode Fiber I/F
- 2040RDA-FR Fiber Ready Wideband Reclocking Distribution Amplifier
- 2040RDA-16FR Fiber Ready Wideband Reclocking Distribution Amplifier
- 2041RDA Wideband Rear Reclocking Distribution Amplifier
- 2041EDA Wideband Rear Equalizing Distribution Amplifier
- 2042EDA Dual Wideband Equalizing Distribution Amplifier
- 2090MDC HDTV Monitoring Down-Converter

- Newton Modular Control System
- 7510 Series Modules
- NetCentral™ SNMP-Based Remote Monitoring Software
- Format Conversion Guide
- Full-Line Modular Product Catalog (PDF)

Production Control

- Andromeda GPI and Tally Management System
- ProSet Production Setup Application
- Nennos™ Signal Management Software
- LCD Control Panel Series
- Under Monitor Display Series

C2MD

- NetCentral™ 4.1 SNMP-Based Facility Monitoring Software
- NetConfig™ Configuration and Software Update Application
- Remote Service and Support Programs

Film Production Products

Acquisition

- Viper FilmStream™ Camera
- Venom FlashPak Solid-State Recorder

Scanners/Telecines

- Spirit 2K DataCine® System
- Spirit 4K High-Performance Film Scanner and DataCine
- Spirit DataCine System
- Shadow Telecine™ System

Virtual DataCines

- Specter FS Virtual DataCine

Software

- Bones Linux-Based Post-Production Environment
- Shout Restoration Software
- Phantom® TransferEngine Software
Tools
• LUTher Color Space Converter
• Scream Grain Reduction Software
• Graphical Control Panel

Compression & Networking Products

Encoders
• ViBE Encoders & Chassis
  - ViBE Single-Pass Encoder
  - ViBE Dual-Pass Encoder
  - ViBE MPEG-4 AVC SD Encoder
  - ViBE MPEG-4 AVC HD Encoder
  - ViBE AS Entry-Level SD Encoder
  - ViBE Analog Dual-Pass Encoder
  - ViBE Extension Boards
  - ViBE Advanced Pre-Processing Board
  - ViBE Audio/Video Extension Board
  - ViBE Audio Extension Board

• ViBE Extension Boards
  - ViBE Advanced Pre-Processing Board
  - ViBE Audio/Video Extension Board
  - ViBE Audio Extension Board

• MBE3000 Dedicated Mobile TV Encoder
• DBE Encoder Line
  - DBE 4110 DSNG Encoder
  - DBE 4120 General Purpose Encoder
  - DBE 4130 Broadcast MPEG-2 Encoder
  - DBE 4140 Local Insertion Encoder
  - DBE 4150 ADSL SuperEncoder

• HDE 8100 MPEG-2 HD Encoder

Decoders
• ViBE Decoders & Chassis
  - ViBE MPEG-2 Decoder
  - ViBE Analog Audio/Video Decoder

• DBD 4433 Single Service Decoder
• DBD 4436 MPEG-2 Receiver/Decoder
• NXD 8000 Commercial Receiver
• HDD 8200 MPEG-2 HD Decoder

CoDecs
• ViBE Encoders & Chassis
• ViBE Encoder Extension Boards
• ViBE Decoders & Chassis
• ViBE Front Ends
  - ViBE ASI Front End
  - ViBE IP Front End
  - ViBE PDH Front End

MPEG Processing
• NetProcessor MPEG Transport Stream Processor
• DBX 4300 Multiplexer
• DM 3200 Network CherryPicker
• DM 6400 Network CherryPicker
• MaeStream MPEG Stream Server

Network Adaptors
• NetFeeder ATM & IP Network Adaptor
• IPS 1200 IP Streamer
• ViBE ASI Front End
• ViBE IP Front End
• ViBE PDH Front End
• XNA/µXNA 4600 ATM Adaptor
• XNA/µXNA 4610 IP Gateway

Management Systems
• XMS 3500 eXtensible Management System™
• DBS 2908/11/12 Channel Controller

Modulators
• Newtec NTC 2177 Variable Rate DVB Modulator/Converter

Applications
• Cable Broadcasting
• Contribution
• Digital Satellite Newsgathering (DSNG)
• Direct-to-Home (DTH) Satellite Broadcasting
• Terrestrial Broadcasting
• xDSL

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