MultiDyne®

50 YEARS
1976 - 2026

2026 Product Brief

To obtain an online copy of this brochure scan code:

1-877-685-8439 / +1-516-671-7278 *www.multidyne.com* *Made In USA*

SILVER|BACK

Cinematic Live Multicam

Multipurpose Your 12G / 4K & HD / 3G Cameras

The SilverBack V provides a robust, full bandwidth fiber optic link between any 12G, 4K camera and your truck, control room or "video village" position. The system puts power and all of the signals needed for multi-camera 4K/UHDTV production onto a single tactical or SMPTE hybrid fiber cable, ensuring trouble-free connectivity on any studio or remote production.

The SilverBack converts the latest Digital Cinema Cameras into SMPTE Studio Cameras ideal for cinematic live multicam applications. The system is available in multiple video I/O configurations and can support 12G-SDI based 4K signals as well as up to six 3G-SDI. Full camera control is provided by the camera manufacturer's control panel via serial or a 10/100/GigE Ethernet path. Genlock, Intercom, Tally and GPIO are also provided.

SilverBack-APE (Control Side)

SilverBack-APE (Connector Side)

Digital Cinema Camera manufacturers are increasingly introducing cameras that require 24VDC power in order to operate. In response, MultiDyne has developed the APE Advanced Power Extension integrated accessory for the SilverBack lineup. In addition to powering these new 24VDC cameras, the APE provides comprehensive accessory power outputs for servos, monitors and just about any accessory you need to power on your camera rigs.

FEATURES

- All Signals on ONE Cable
- Optional 12G-SDI, 6G-SDI & 3G-SDI I/O
- 10+Km Operation
- 2 Channels of Intercom
- Anton-Bauer or "V-mount" Battery Option
- Integrated Tally Indicator
- 1GbE Ethernet
- Camera RCP Control
- 1 Additional Data Path (232/422)
- Optical Connector on Integrated Swivel
- Top & Bottom Dovetail Plates with 1/4-20 & 3/8-16 Taps for Mounting Accessories
- Optional Tally/GPIO Cable
- Optional Tally Light Accessory
- Rugged Lightweight, Low-profile Design
- Designed and Manufactured in the USA

APPLICATIONS

- 4K Sports & OB
- Live Music & Entertainment
- Digital Cinema
- High Frame Rate Acquisition
- Live Cinematic Multi-cam

For More Information Please Visit MultiDyne.com

Specifications subject to change without notice

Made in USA

VB-SERIES

Customizable Extension

VERSA|BRIX

VT
2 Card Slots

V4
4 Card Slots

V6
6 Card Slots

VX
10 Card Slots

Customizable PTZ / POV Camera Extension

Purpose-built hardware plays an important role in broadcast and professional AV. These industries continue to grow and change however, and content creators simply need more flexible options to meet varied and changing requirements for their productions. Adaptable to most professional PTZ and POV cameras and able to transport a full complement of video, audio and data signals, the VB Series offers robust, versatile solutions to serve almost any broadcast and AV production application imaginable.

Canon CR-N700 PTZ with V6 Shown In Black and White

FEATURES

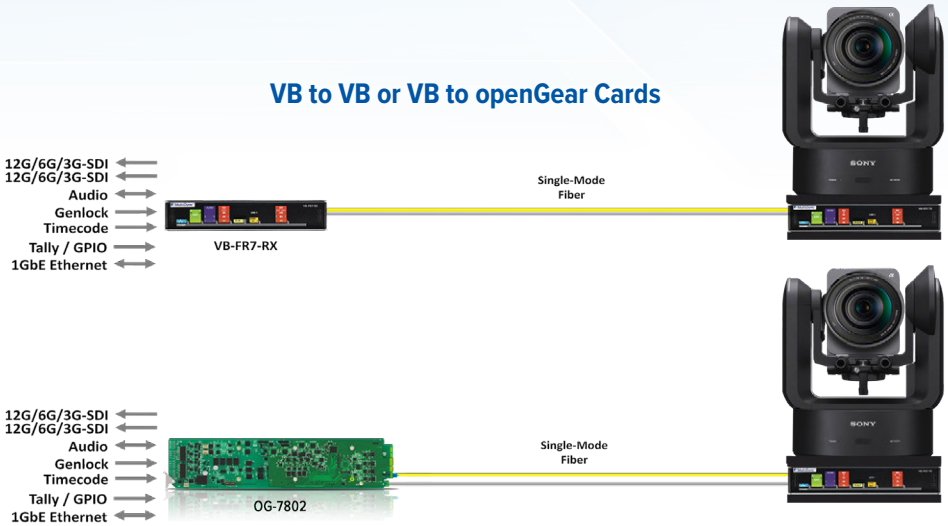
- Up to (X) Channels of 12G/6G/3G/HD-SDI
- RS-232/422/485 Serial Data
- Tally and GPIOs
- Genlock (Bi-Level or Tri-Level)
- 1GbE Ethernet w/ 2 Port Hub
- Optional POE++
- Optional Remote Power via Hybrid Fiber
- Optional Universal Mounting Brackets
- Chassis Available in Standard Black or New White finishes for Corporate, Medical, Scientific or Educational Environments

APPLICATIONS

- Remote PTZ / POV Camera Connectivity
- Robotic Camera Control
- Bulk 12G-SDI & 3G-SDI Signal Extension
- Extend multiple optically isolated 1GbE LANs over 1 fiber
- Analog and AES Audio transport

Now Available in White
To Maintain Your Installation's Integrity

VB to VB or VB to openGear Cards



Custom Tailor a VB Solution for Your Application with Our Configurator Tool Available Here at https://configurator.multidyne.com/launcher

Specifications subject to change without notice

Made in USA

QS4-APE

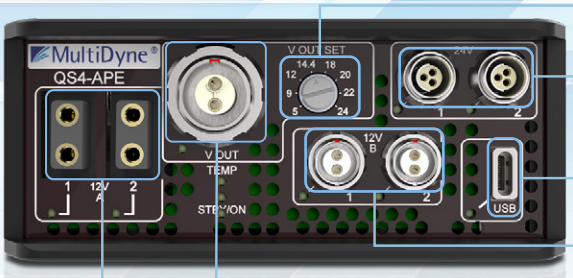
SMPTE Fiber 12/24V Accessory Power Supply

QS4-APE Rear

QS4-APE Front

Throwdown Power Extension With Optical Pass Through

The QS4-APE model is a versatile “throw-down” unit providing a selectable 5 VDC, 9 VDC, 12 VDC, 14.4 VDC, 18 VDC, 20 VDC, 22 VDC or 24 VDC main output via a LEMO EEG.2B.302.CLL connector for general applications, as well as multiple accessory outputs: 2, D-Tap/P-Tap 12 VDC outputs; 2, LEMO EEG.0B.302.CLL connector 12 VDC outputs; 2, Fischer DBP 102 A052-139 connector 24 VDC outputs and a “power only” USB-C port to operate and charge devices such as cell phones, computer tablets etc. with up to 15 WDC available power.



5-24 VDC Output Select

2x Fischer 24 VDC at up to 10 ADC shared

USB-C 5 VDC @ 0.1 – 3.0 ADC, 15 W total

2x LEMO 12 VDC at up to 10 ADC shared

1x LEMO 5-24 VDC Selectable Out

2x D-Tap 12 VDC at up to 10 ADC shared

2x Single-Mode Fiber

1x SMPTE 304M Hybrid Connector

For More Information Please Visit MultiDyne.com

Specifications subject to change without notice

Made in USA

HUT-APE

Advanced Power Extension

HUT|SERIES

FEATURES

- SMPTE 304M Standard
- Operate Cameras on Plain Single Mode Fiber
- Take Advantage of Installed Fiber Backbones
- Extend Distance Without Sacrificing Performance
- Carry Less Hybrid Cable
- Choice of Optical Connectors
- Can Provide Power for Cameras Up to 3km
- Supports Camera Chains from Sony, Grass Valley, Panasonic, and more
- Works with Optional Optical Repeater/ Remapper FiberSaver
- Standard Remote Camera Shut-Off
- Rugged Design
- Designed and Manufactured in the USA

APPLICATIONS

- Remote Broadcasting
- Sports Production
- Shared Control Rooms
- Campus Facilities
- Arenas and Stadiums

Extend Camera Chains Beyond SMPTE Cable Limitations Via Standard Single Mode Fiber

The HUT-APE system frees camera chains from the limitations of hybrid copper and fiber cabling permitting cameras to be separated from their CCUs by distances of over 10km using inexpensive, conventional single mode fiber. This has many advantages over SMPTE hybrid cable including:

- Eliminating RF, EMI and grounding issues
- Faster set and strike times saves time and money
- Reduced weight makes for lighter OB trucks, B-units and cable shipments

CONNECT ANYWHERE EASILY

The plug and play system allows camera chains to connect via a facility's fiber infrastructure or on tactical fiber cable in the field using industry-standard connectors, such as STs, LCs, SCs, or OpticalCON. The HUT system works by "spoofing" (or "tricking") the camera and CCU into seeing a physical copper connection between them when connected only by single mode fiber cable.

LOCAL OR REMOTE POWER

After a long run of single mode fiber, HUT-enabled camera systems can be configured in one of two ways:

1. Power the camera with the HUT-APE with up to 3km of hybrid cable. Power is sufficient for hand-held cameras or cameras installed in sleds with long lenses and other high-power accessories.
2. Power the camera locally and use the HUT-CS.

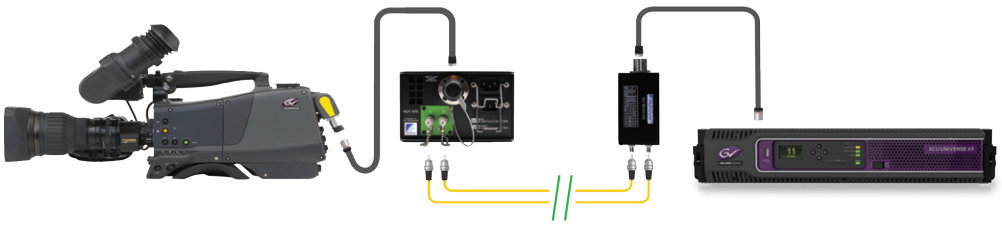
ROUTE AND MULTIPLEX CAMERAS

Once the hybrid cable is removed, a camera chain can be easily routed through optical routers or used with MultiDyne's FiberSaver systems to multiplex up to nine cameras onto just one strand of a single mode fiber.

USE LESS FIBER WITH FIBERSAVER

While passive to the camera chain optics, the HUT-APE can be used with the MultiDyne line of FiberSaver wavelength shifting muxes.

- Multiplex a camera chain onto a single fiber strand
- Boost the optical range
- Remap the camera & CCU optics to different wavelengths



HUT-APE SUPPORTS THE FOLLOWING CAMERAS:	
MultiDyne	SilverBack-APE: Advanced Power Extension adapter with multiple power outputs. Can be matched with any Camcorder or Cine cameras from any manufacturer. Attaches to a battery plate, on the back of a camera, from IDX or Anton Bauer
Grass Valley	Focus or LDX cameras
Sony	HDC-1000/2000/3000/4300 series camera chains with SMPTE fiber connections
Panasonic	AK-HC3900

Specifications subject to change without notice

Made in USA

VF-9000 Series

VERSA FRAME

Versatile Data & Video Fiber Optic Transport Platform
1GbE RJ-45 & BNC or HD-BNC Coaxial I/O up to 12G-SDI

The VF-9000 is a 1RU, high density video fiber optic transport platform with 18 optical I/O (9 or 18 SFP Ports), it can be configured with up to 18 full size BNCs or 36 HD-BNCs. The system also supports up to 9 1GbE optical extensions, and provides the user with the option to handle SDI and LAN signals in one frame.

The configuration of video input vs. output is configured automatically, following the I/O of the SFP installed. If a dual TX SFP is inserted into a slot, the two BNCs at the back of the slot become inputs. If a dual RX SFP is inserted into a slot, the two BNCs at the back of the slot become outputs. There are no setups or configurations required.

If the unit is populated with CWDM SFPs, all 18 signals can be multiplexed/de-multiplexed over from one SM fiber. Next to the SFP cages are the optical multiplexer/de-multiplexer I/O's, configured with LC ports for easy patching with generic, inexpensive LC patch cables.

Each video card in the VF-9000 has 2 BNCs or 4 HD-BNCs on the back, and one or two SFP cages in the front. These cards can be ordered with two channel SFPs and two BNCs as described above, or with a single BNC input and loop output. In this case, there will be only one optical output. The reciprocal receiver card would have only one optical input with a dual BNC output.

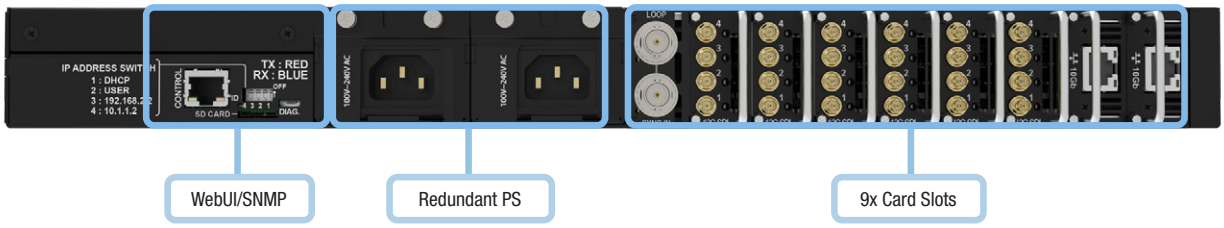
Ideal for use in OB vans where space is limited and high density is a necessity. With dual hot swappable power supplies, there is peace of mind with power redundancy and no need for cumbersome external power supplies.

FEATURES

- High Density – Up To 9 1GbE RJ-45, 18 BNCs or Up To 36 HD-BNCs
- All I/O Are Configured Automatically Based On VFC/SFP Selection
- SFP Modules Can Be Hot-swapped Without De-cabling Coaxial Connections
- Redundant AC Power Supplies
- Optional Single or Dual Integrated CWDM Muxes/De-Muxes
- Condense Signals Up To 36 Signals on Two SM Fibers
- Can Be Used For Video Transport, Signal Regeneration or Wavelength Shifting.

APPLICATIONS

- Sports Broadcast
- ENG, EFP
- Military
- Live Stage Events
- Intra & Inter-Facility Connection
- Campus & Metro Transport



VF-9000 Rear Panel

Custom Tailor a VF-9000 Solution for Your Application with Our Configurator Tool Available Here at https://configurator.multidyne.com/launcher

Specifications subject to change without notice

Made in USA

Campus / Venue Bi-Directional Video / Audio / Intercom / Data Extension Platform

FEATURES

- All signal I/O extended over 2x Single-Mode Fibers
- Supports 8x Camera Feeds & 8x SDI Return Channels
- Available in 3G-SDI and 12G-SDI Versions.
- Supports up to 8x Wet/Dry Partyline Intercom Channels
- 2x Independent 1GbE LAN Extensions
- 2x Independent RS-232/422/485 Data Channels
- 8x Mic-Pre Inputs with Phantom Power
- 8x Line Level Analog Audio Outputs
- Tri-Level or Bi-Level Genlock Output
- Redundant 48VDC Power Supplies
- Battery Plate for Emergency Backup
- Gold Mount & V-Mount Battery Plate Options

APPLICATIONS

- Campus / Stadium Production Signal Extension
- Truck to Control Room Links
- Control Room to Studio Links
- Metro Intra-Facility Connections

Best of Show 2023 tvtech WINNER

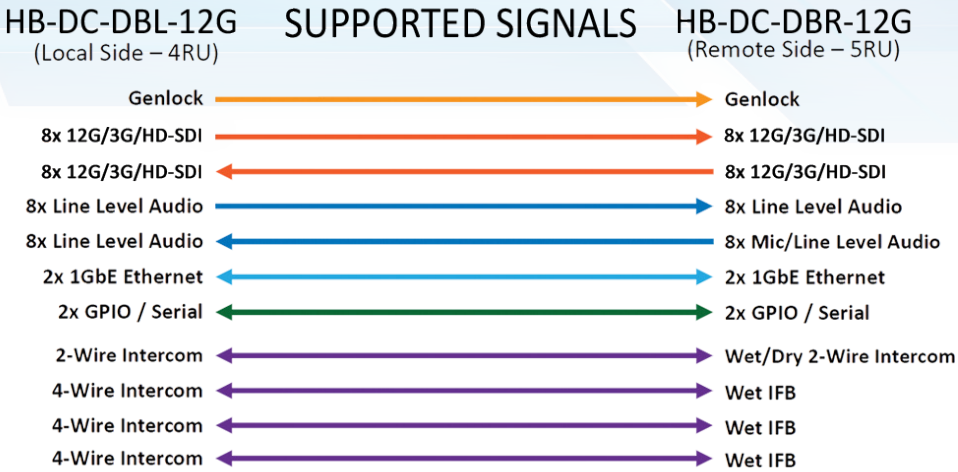
HONEY | BADGER

Stadium Signal Extension

The HoneyBadger doesn't care how big your venue is. It can handle the job with a feature set that is unavailable elsewhere in the broadcast production signal extension market.

With support for 8 cameras and return feeds plus Genlock extension, the system has your image acquisition requirements under control and in time. The Partyline Intercom channels and eight mic-pre inputs have your talent on-air loud and clear while the two isolated 1GbE LAN extensions let you get your IP connectivity extended over the same two Single-Mode fibers.

HoneyBadger Remote unit is a 5RU rack mountable chassis with dual, redundant 48VDC power supplies and a battery plate for short term emergency back up power. Fiber connector options include dual ST, Neutrik opticalCON DUO and LEMO 304M SMPTE standard connectors. The HoneyBadger Local side unit is a compact 4RU that provides the same industry standard connectivity as the remote side with full size BNCs for video, XLRs for Audio and easy to terminate Phoenix connectors for the Serial Data and GPIOs. The HoneyBadger is also available with 12G-SDI I/O to support 4K production.

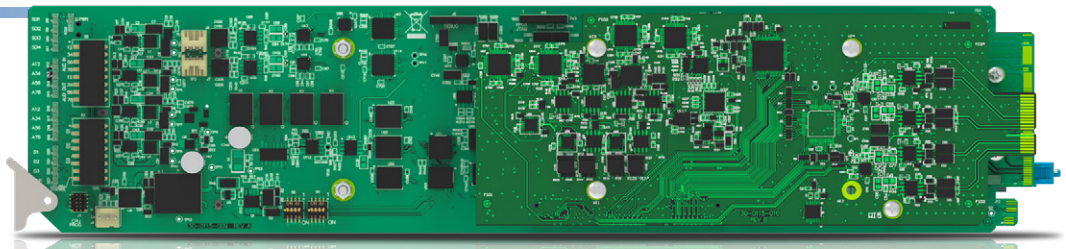


For More Information Please Visit MultiDyne.com

Specifications subject to change without notice

Made in USA

OG-7700/7800 Series

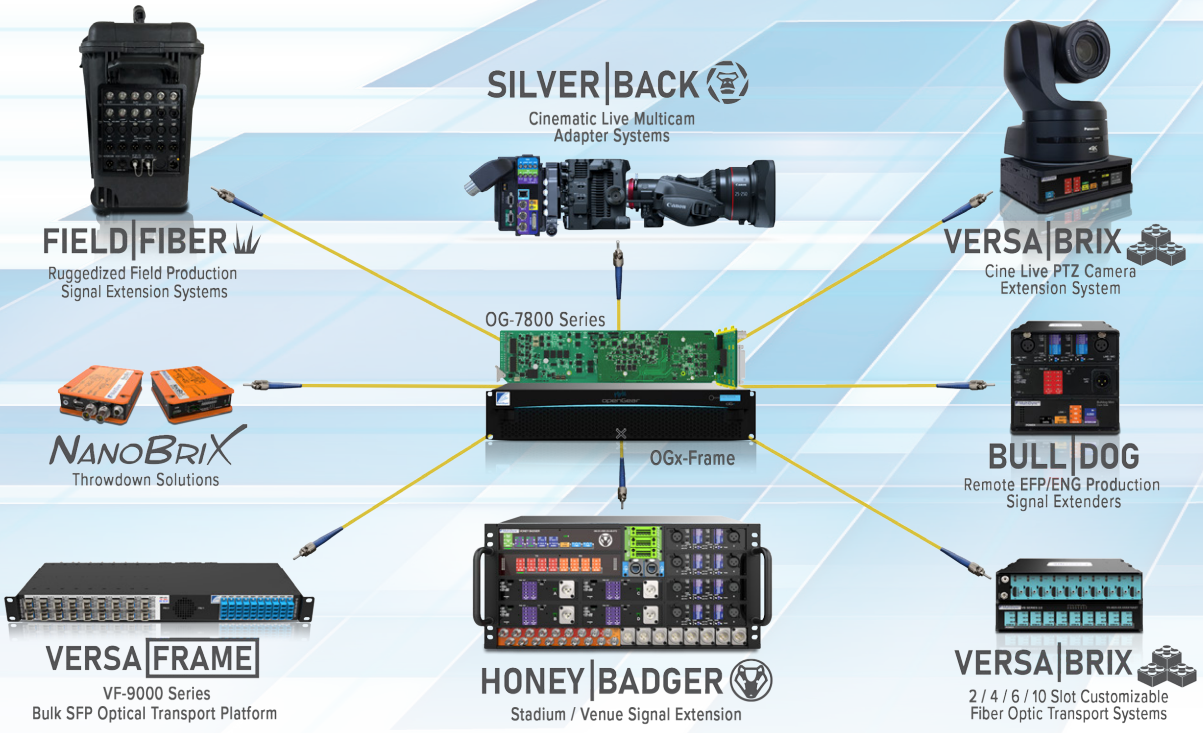


12Gbps Video, Audio, Data Fiber Transport

The OG-77/7800 series of modules for the openGear platform provides flexibility for all fiber transport needs. Signals are transported uncompressed and unprocessed from maximum signal integrity. Included signals are 12G SDI, audio, data, Ethernet, and reference, all compatible with the industry-standard openGear platform offering SNMP management via Dashboard software.

For 3G SDI Signal Requirements the OG-7700 Series are Available.

OG-7800 Series Multi-Platform Cross-Compatibility

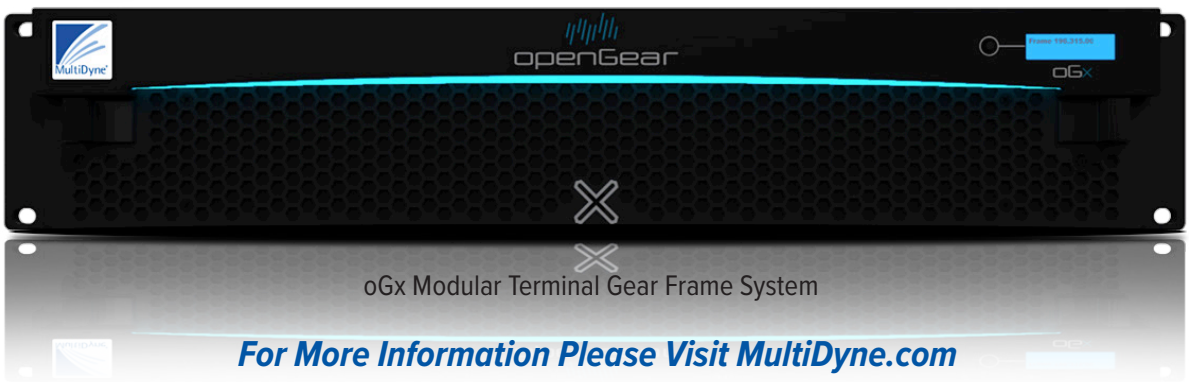


FEATURES

- Up to 4 x 12G SDI
- 8x8 Audio Line/AES
- Genlock
- Time Code, GPIO, Data
- Ethernet

APPLICATIONS

- Studio Links
- Signal Trunking
- Signal Distribution
- Campus Interconnects
- Transmission Links
- Telco Circuits
- Outside Broadcast“B-Unit” Interconnects



oGx Modular Terminal Gear Frame System

For More Information Please Visit MultiDyne.com

Specifications subject to change without notice

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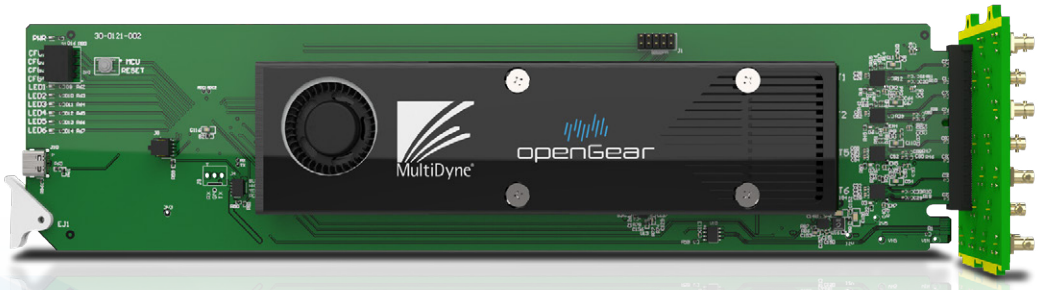
MDoG-6060 Series



ST2110-20 Encapsulator / De-encapsulator

NABSHOW of the PRODUCT YEAR 2024

BEST OF SHOW 2024 tvtech WINNER

BEST OF SHOW 2024 TVBEUROPE WINNER

The MDoG-6060 Series from MultiDyne provides SDI to ST2110 encapsulation and ST2110 to SDI de-encapsulation for the award winning openGear platform.

The MDoG-6060 series of gateways provide multichannel and bi-directional conversion between SDI and ST2110. Several models are available ranging from 3x3 3G-SDI using dual 10 GbE SFP to 6x2 3G-SDI using dual 25 GbE SFPs with full support for ST2022-7 hitless redundancy.

Each channel processes 1 video, 16 audio, and 1 ANC data flow and SDI inputs are frame synced before encapsulation. The MDoG-6060 series uses NMOS for in-band control and configuration, while remote monitoring and firmware upgrades are handled through the openGear DashBoard application.

For applications where TR-08 JPEG-XS compression is required please refer to the MDoG-6061 Series.

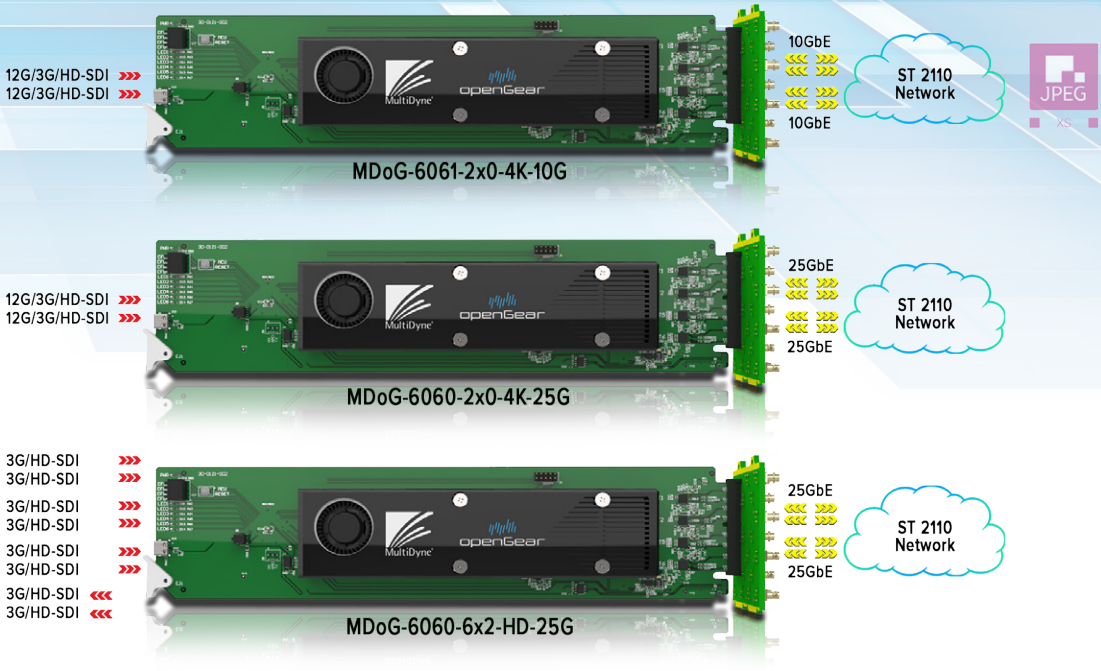
FEATURES

- Built-in Frame Syncs
- In-Band NMOS Control
- ST-2022-7 Failover
- Input Loop & Dual Output
- JPEG-XS Upgradable
- Dual 25GbE SFPs
- Remote Control Monitoring Via DashBoard™ Software

APPLICATIONS

- Live MultiCam to ST-2110
- IP & SDI Island I/O
- JPEG-XS Encoding & Decoding
- Live Production Environments

Supported Signals



For More Information Please Visit MultiDyne.com

Specifications subject to change without notice

Made in USA

NanoBrix Throwdown Solutions

NB2-12G-HDMI 12G/6G/3G/HD/SD-SDI to HDMI 2.0 Converter

The NanoBrix NB2-12G-HDMI from MultiDyne converts 12G-SDI to HDMI 2.0 signals. This makes it an ideal cost-effective monitoring solution to display professional 12G-SDI signals on LED monitors with HDMI 2.0 inputs. In addition, the unit provides external audio outputs that can be routed to powered speakers. Audio outputs are DIP switch selectable to be either a stereo pair or a Lt/Rt multichannel downmix allowing for 5.1 audio to be mixed down to stereo, providing a comprehensive audio and video monitoring solution in a compact and rugged form factor.

The NB2-12G-HDMI accepts a single link SDI input ranging from SD up to 12G-SDI with a reclocked SDI output to feed downstream equipment.

Optional fiber SFP equipped models are available including the NB2-12G-HDMI-OE-LC receiver, which can receive an SDI signal over distances up to 10KM on a single LC fiber connector. The NB2-12G-HDMI-OO-LC provides both an input and regenerated fiber output on a duplex LC fiber connector. And finally, there is the NB2-12G-HDMI-OE-ST which accepts an SDI signal on a single ST fiber connector.

Power to the unit is provided by an AC adapter with a locking DC power connector. Backup power and firmware updates are possible using the USB-C connector.

Ethernet Panel

Optical Panel

NB2-10G-TRX 10G Ethernet Transceiver With Optional PoE++

The NB2-10G-TRX provides a cost-effective miniature solution to extend 10G Ethernet signals over fiber optic cable.

On one side of the unit a standard RJ45 connector provides the 10G copper interface while the SFP is plugged into the opposite side. A green power LED is illuminated when power is detected at the input. Two blue LEDs are also available to indicate network presence for either 100M/1G or 10G connections.

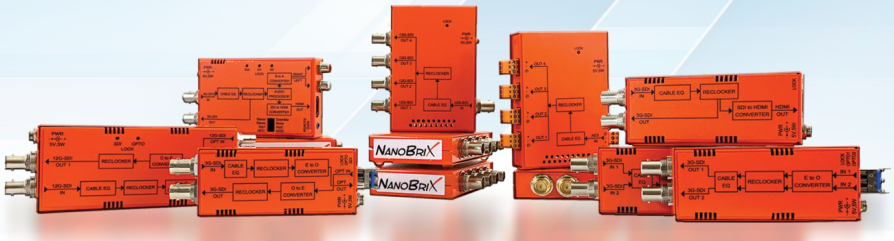
The SFP's are sold separately and allow for standard 1310 nm, WDM 1270/1330 nm, all 18 CWDM available wavelengths for single mode fiber and 850nm for multimode fiber.

For applications where ST connections are required the NB2-ST-ADAPTER converts the SFP to 1 ST connector. In this configuration WDM SFP's are required.

For applications where POE++ is required the NB2-10G-TRX-POE comes with a 56 VDC power supply allowing for up to 90-Watt output on the RJ45 to power external devices.

The NB2-10G-TRX can be outfitted with Single mode SFP's reaching cable distances up to 10KM or up to 300 Meters with Multimode SFP's and cable installed.

The NB2-10G-TRX is portable by nature, the unit also comes with a magnetic strip to allow for quick mounting to the side of a rack or stacking with other units in the NB2 family.



Original NanoBrix Also Available in Stock

MultiDyne's NanoBrix Series assures the many stages of the signal lifecycle are reliably addressed in one complete family. NanoBrix offers a comprehensive product line of miniature, rugged, quick-connecting throwdown solutions for temporary or permanent applications, including live TV productions, sporting venues, and broadcast facilities.

New NBX-SHELF-SMP Rack Mount
for Original NBX v1.0 Series Units Available Soon

NBX v1.0 Series Includes:

- 3G / 12G Fiber Extenders
- 12G & MADI DAs
- HDMI Converters
- Audio DAs
- Embedders & De-Embedders
- Audio Downmixers

Specifications subject to change without notice

Made in USA

SilverBullet

Mini 12G HD/SDI Fiber Optic Link

SILVER|BULLET

For Fixed Links or Last Minute SDI Feeds

FEATURES

- Fiber Transport From 5Mbps to 12Gbps
- 16 CWDM Wavelengths Available
- Supports SMPTE 310M, 259M, 344M, 292M, 424M, 2081-1M, 2082-1 & DVB-ASI
- Equalizes 75m @ 12G, 200m @ 3G, of Gepco VSD2001 or Belden 1694A Cable
- Supports Embedded Audio and Data
- Monitor Optical Power Level at RX
- Re-clocking
- Single-mode Fiber Recommended
- ST Optical Connector
- Small, Rugged, Portable
- Stand-Alone or Rack Mounted
- Power Supplies and Convenient Case Included
- International AC Adapters Included
- One Year Warranty

The SilverBullets are an economical solution for transporting multi-rate SDI signals ranging from 5Mbps all the way up to 12Gbps over single mode fiber. At just three inches in length, the SilverBullets are perfect for a wide variety of professional A/V and broadcast applications.

The rugged, diecast powder coated aluminum enclosure supports the popular metallic ST-type optical connector and the SDI video connector is on a standard full size BNC. Power (5-16 VDC) is supplied using an AC Adapter with a locking DC connector that eliminates any possibility of the power cord accidentally becoming unplugged.

Integrated LEDs make troubleshooting easy with DC power and optical laser indications on the transmitter. The receiver has DC power and optical power indicators. Not only can your RX unit receive SDI signals, it can also be used as a confidence optical power meter for ANY digital optical signal.

Auto sensing inputs provide robust cable equalization and reclocking on SDI signals. When ASI is detected the reclocking is turned off to allow for transmission of ASI signals.

Although the SilverBullets are small in size, this does not mean they can't handle long links. With an optical launch power of -3dBm for standard units (0 dBm for CWDM units) and receiver sensitivity to -14dBm @ 12G, and -18dBm @ 3G make fiber runs of 25km or more possible with optical power to spare.

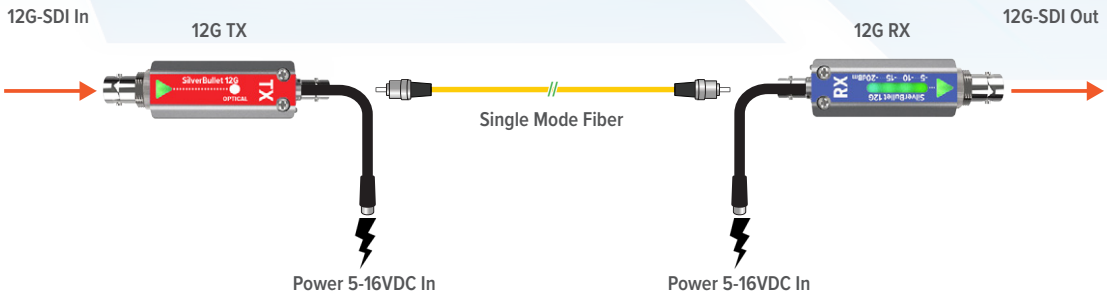
SilverBullet transmitters can also be ordered in any of the 16 available CWDM wavelengths in order to facilitate optical multiplexing. Each pair of SilverBullets comes packaged in a convenient case with 100-240VAC input wall-mount power supplies. For instances when you want to power your units from your camera battery, optional D-TAP, or USB-A, USB-C cable adapters are available.

The SilverBullets from MultiDyne.
The next time you need just one more feed ten minutes prior to air, you'll be glad you have them.

APPLICATIONS

- Sports Production
- Remote Camera Links
- Distance Learning
- OB Van Inter-Connects
- Pre-Fibered Venues
- Courtesy Feeds

Application & Usage



For More Information Please Visit MultiDyne.com

Specifications subject to change without notice

Made in USA

FiberSaver Series

3G, 10G, 12G, & 25G Configurable Digital Fiber Multiplexers & Wavelength Shifters

FIBER|SAVER

The FiberSaver Series has been designed to help engineers and designers overcome situations where there are many signals to move over fiber, but not enough available fibers due to a lack of access or inability to run more fiber.

3G and 12G systems are available in uni and bi-directional configurations ranging from 6x0 and 18x0 to 3x3 and 9x9. Asymmetrical bi-directional configurations are also available.

Unique to the FiberSaver Series is the option to provide a Coaxial copy of an optical input or output path. This capability can be used on one or both sides of a system for the ultimate in conversion between optical and SDI sources and receive devices.

The coax input can be used to input an auto-failover /keep-alive signal as the system will automatically select the coax input when light is not detected on the input.

When the coax stage is populated on the Rx side of the system the FiberSaver will output simultaneous copies of the incoming optical signal.

Since the FiberSaver is receiving and then re-transmitting the optical signal, you get a fresh optical budget that allows transmission over even longer distances. The Rx side of the system can be an optical only passive de-mux unit or an active receiver with reamplified optical out with or without coax copies.

3G FiberSavers will also work with 1G Ethernet and MADI signals and new 10G versions support 10GbE and SMPTE Camera Chains that operate at 10Gbps.

Custom configurations are available providing the most comprehensive mixed signal, single system solution on the market. Contact MultiDyne to learn what is possible.

FEATURES

- Turns Any Digital Optical Signals Into CWDM
- Optical Only Versions & Coaxial Optical Versions Available
- Up To 18 Optical Signals or Up To 18 SDI Video On 1 fiber
- 3G, 10G, 12G, & 25G Versions With Optional Support For 1 & 10 GbE
- Per-Channel Front Panel Status Display
- Regenerates/Amplifies Optical Signals
- Optional Redundant Power Supplies
- Auto-Fail Over To Coax Input
- Easy Access to Installed Fiber Infrastructures
- Extends Useful Life of Legacy Fiber Equipment
- Faster Set and Strike With Fewer Cables

MARKETS & APPLICATIONS

- Rentals
- OB Production
- Sports Broadcasting
- Remote Studios
- Corporate A/V
- Reclaiming Existing Fiber & Gear
- Use With SMPTE-HUTs to Extend Up To 9 SMPTE Camera Chains Over 1 Fiber
- Take Advantage of Stadium and Campus Fiber
- Replaces Need For Wavelength Specific Spares In CWDM Apps

FSCu-12G-T-B-ST 6 Channel Fiber & Copper 12G Tx

FSCu versions have both Fiber and Coaxial connections and FS versions have just Fiber. Both types can be used together to build the ideal system.

FS-12G-T-B-ST 6 Channel Fiber Only 12G Tx

Custom Tailor a FiberSaver Solution for Your Application with Our Configurator Tool Available Here at https://configurator.multidyne.com/launcher

Specifications subject to change without notice

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CRESCENDO SERIES
Audio Monitors

Dante & 2110-30

CRESCENDO

C16-AM-12G 1RU 12G-SDI 16 Channel Embedded Audio Monitor with Dante & 2110-30 Options

FEATURES

- 2 x 12G / 3G HD / SD SDI Inputs With Integrated 16 Channel De-embedder
- Dante, or ST2110-30/AES67 network audio support
- 1 x SFP slot for 12G/6G/3G-HD/SDI Video SFP or 1GbE
- 8 balanced analog input channels, DB25 TASCAM compatible connector
- Reclocked SDI Output
- HDMI Monitor Output
- High Power Class D Stereo Audio Amplifier
- Onboard 5.1 Surround Sound Lt/Rt Downmixer
- ITU1770-3 Loudness Level Display, With Full 16 Channel Monitoring Display
- Redundant Power Supply Option
- Headphone, Analog, and power for Bluetooth Audio Outputs
- Easy Audio Source and Mode Selection
- Ethernet Connection to Web GUI, Dashboard, and REST API Control System For Monitoring, Control and Software Upgrades

APPLICATIONS

- Broadcast
- Mobile Production Trucks
- Master Control/CER
- Confidence Monitoring

The CRESCENDO C16-AM-12G is a compact and lightweight 1 RU 16 Channel SDI embedded audio monitoring system that provides visual and aural monitoring of all 16 channels of audio from 12G/3G-HD/SD-SDI signal. Optional hardware upgrades include Dante and ST2110-30/AES67 network audio support

Two LCD color displays on the front panel display the audio levels on 16 bar graph VU/PPM meters and simultaneously provide ITU1770-3 loudness measurements. Additionally SDI signal status, group audio prescence and a reset timer for the LKFS meter are also visable on the display.

With simplicity in mind the C16-AM-12G has been designed with an intuitive user interface to allow for easy access to the signals you need to monitor. Twelve illuminated pushbuttons provide intuitve audio channel source selection and L/R Solo, SUM, and Lt/Rt Downmix modes directly from the front panel.

A military spec rotary shaft encoder is used to provide volume control with a unique push to mute speaker function. Also located on the front panel is a 1/4" jack for use when headphones are required. The C16-AM-12G internal speakers are muted once a headset has been plugged in.

The rear panel allows for two 12G/3G/HD-SDI inputs and provides two reclocked SDI outputs. Optional SFP Fiber in. Two balanced stereo analog XLR audio outputs can be used to drive a set of studio grade powered speakers, and a 3.5mm stereo jack and 500mA USB port to power a wireless bluetooth adapter are also provided.

Three RJ45 connectors provides ethernet connections as well as 1gb network SFP support to connect the C16-AM-12G to the web GUI, openGear Dashboard software, or REST API to allow access to loudness measurement settings, software updates, and remote monitoring.

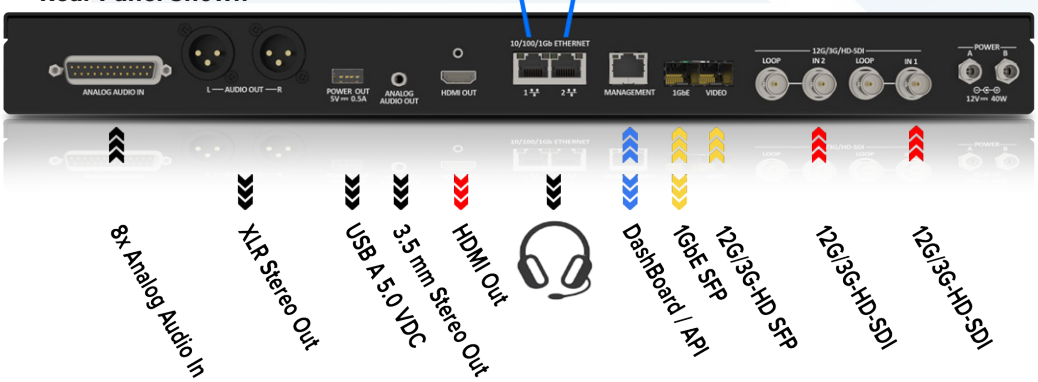
The C16-AM-12G is powered by an external power supply included with the unit. A secondary power supply connector is provided for those applications where an optional redundant power supply may be desired.

DashBoard Support

Network 1 Dante ST 2110-30 AES67

Network 2 Dante ST 2110-30 AES67

Rear Panel Shown



For More Information Please Visit MultiDyne.com

Specifications subject to change without notice

Made in USA

ERPI

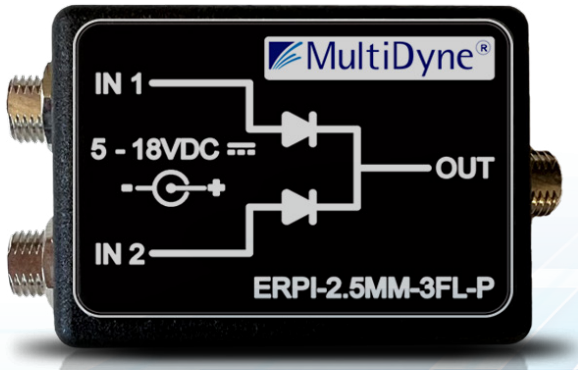
External Redundant Power Interface

FEATURES

- In/Out short-circuit protection
- Load (droop) sharing
- All aluminum construction
- Compatible with Switchcraft 761K Series

APPLICATIONS

- Live Production Environments
- Add redundant power to SilverBullet, NanoBrix, VB Series and 3rd Party Devices



ERPI External Redundant Power Interface

Ensure uninterrupted performance in live broadcast applications with the ERPI External Redundant Power Interface. Designed to provide reliable redundant power, the ERPI supports a wide range of input voltages from 5VDC to 20VDC, making it an ideal solution for maintaining consistent power flow to critical electronic equipment.

Engineered for flexibility, the ERPI seamlessly integrates into your existing setup, protecting against power loss and ensuring your broadcast continues without interruption. Its compact, robust design is tailored for the demanding conditions of live production environments, offering peace of mind that a lowly wall wart power supply failure won't take you off air.

Trust the ERPI External Redundant Power Interface to keep your electronics powered, your broadcast live, and your content flowing smoothly.

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50 Years of Award-Winning INNOVATION

MultiDyne Video & Fiber Optic Solutions has 50 years of experience serving the broadcast and video production communities worldwide. MultiDyne leads the industry in pioneering signal conversion and fiber-optic-based transport systems for the broadcast, cable, satellite, production, digital cinema, surveillance, teleconferencing, and Pro-AV markets across all business verticals.

MultiDyne's service-oriented approach helps customers meet their needs with innovative, custom fiber solutions for systems integrators and end-users. The company's highly configurable, durable, format-flexible, and feature-rich solutions service the continually evolving needs of local studios, network facilities, mobile trucks, live event venues, and enterprise organizations. MultiDyne continues to expand on its existing product families with new ultra-compact, lightweight systems; and innovate for new growth areas, including IP-based transport and delivery networks. Ultimately, each innovation delivers tangible benefits in the form of higher operational efficiency, and lower total cost of ownership.

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