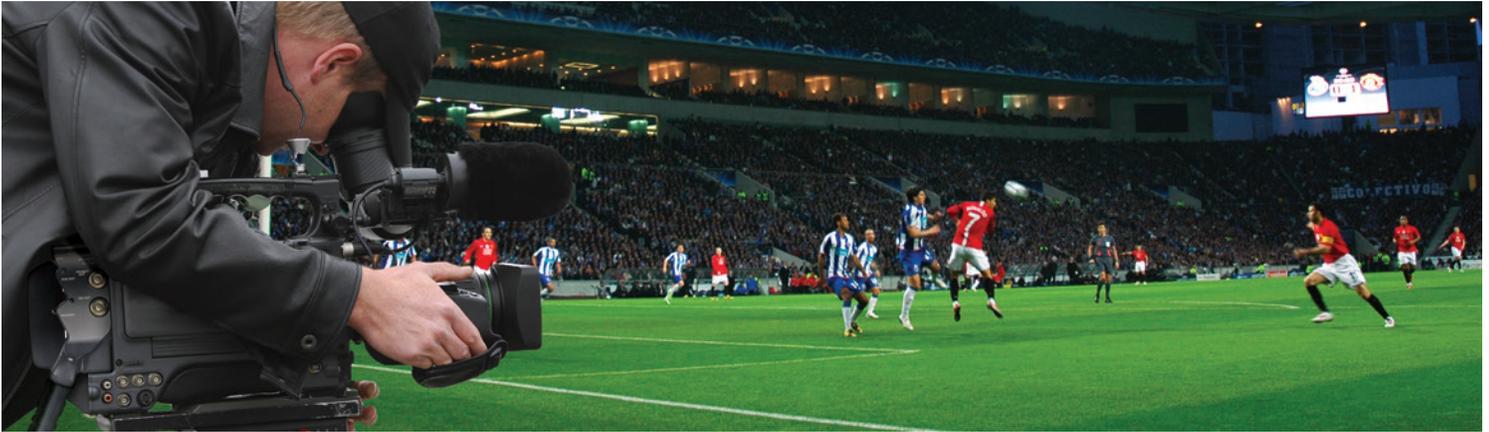


Viper II

Modular Fiber Optic Platform for Digital Production



Portable Fiber Optic Broadcast Production Systems.

The Viper II system from Grass Valley, a Belden Brand, is based on a 3 RU modular frame that houses a variety of Viper II plug-and-play modular fiber optic transmitters, receivers and transceivers. Modules are available for transporting digital HD-SDI video, audio and intercom communications over fiber.

Each frame has 16 slots that can be used to accommodate both single and double-slot modules and power supplies. Functionality modules can be hot swapped at any time.

The frame ships ready-to-use. Simply insert a PS6000 power supply unit into any available slot (auto-sensing for 110/220 VAC). The frame can accommodate additional power supplies for redundancy.



Viper II Modular Fiber Optic Platform for Digital Production

KEY FEATURES

- Universal 16-slot card cage
- Rack modules or standalone
- Multichannel video and audio
- Serial digital video, including
 - ITU-R 601 (270 Mb/s)
 - SMPTE-292M HD
- Wideband NTSC/PAL video
- Studio quality, RS-250-C (SH)
- 24-bit digitally transmitted audio
- RS-232 and RS-422 data
- GPI closures, including tally/call
- Redundant power supplies
- Alarmed UPS protection
- Low power consumption
- Cool operation, no fans
- Wide temperature range

SPECIFICATIONS

VIPER II FRAME

Electrical

Input voltage range: 100 to 240 VAC

Output voltage range: 10 to 18 VDC

Power consumption per module: 5W

Power consumption (max): 70W (max)

Environmental

Temperature range: -25° to 55° C (-13° to 131° F)

Humidity range: 0 to 95% RH, non-condensing

Mechanical

Dimensions (W x H x D): 133.35 x 279.4 x 438.15 mm (5.25 x 11 x 17.25 in.)

Weight:

Frame: 4 kg (9 lbs.)

PS6000: 0.68 kg (1.5 lbs.)

Capacity:

16 single card slots

Max of 14 modules plus power supply

PS6000

Electrical

AC input: 100-240 VAC

DC output: 12-18 VDC

Output current: <11 A

AUX VDC output: 12-18 VDC

AUX VDC input: 12-18 VDC

Environmental

Temperature range: -15° to 65° C (5° to 149° F)

Humidity range: 0 to 95% RH, non-condensing

Mechanical

Dimensions (W x H x D): 99.06 x 220.98 x 50.8 mm (3.9 x 8.7 x 2 in.)

Weight: 0.68 kg (1.5 lbs.)

Certifications: FCC part 15, RoHS, LEED, CE

PS5000

Environmental

Temperature range: -15° to 65° C (5° to 149° F)

Humidity range: 0 to 95% RH, non-condensing

Mechanical

Dimensions (W x H x D): 99.06 x 220.98 x 50.8 mm (3.9 x 8.7 x 2 in.)

Weight: 2.04 kg (4.5 lbs.)

Certifications: FCC part 15 class A, CE

ORDERING

V2Frame-1	3 RU Viper II frame, 16 slots, requires power supply
PS6000	Power supply, RoHS, standalone, 12 VDC input for backup
BP5001	One-wide filler panel
BP5002	Two-wide filler panel



GVB-1-0449A-EN-DS

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