

Camera transmission over optical fiber

Shifting a camera with simplicity

MAIN CHARACTERISTICS

- Compact and reliable chassis
- 1RU base station unit
- Video inputs and outputs on 3G-SDI
- Genlock
- Camera remote powering and control
- Headset and microphone connector with adjustable volume
- Intercom
- Tally
- Free-standing, Cartoni fastener, V-Lock or Anton Bauer docking
- Choice of optical fiber connector (Fischer, Lemo, Neutrik, LC)

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The Camiflex product has been developed to simplify the deployment of cameras for PTZ, OB Van, Studio and Cinema applications: the numerous cables between the camera and the control room are now over, a simple optical fiber to deploy and you're ready to go.

Everything is there: video connectors to and from the control room, headset with microphone or intercom, remote control for remote camera management, tally, etc...

The flexibility of Camiflex allows it to adapt to all situations. So you can use Camiflex on your entire camera fleet, regardless of brand or model. You can even choose your fiber optic brand according to your preferences.

Camiflex is also able to transmit a source of energy through the fiber optic and thus feed not only the camera but also the ancillary products.

Designed to be deployed quickly, Camiflex comes in the form of two housings: one compact and robust chassis on camera side, the other chassis in rack-mounting side.

Camiflex is independent of the camera models and brands, and allows to connect any remote control for remote management of the camera, to shift a screen (return feed from studio and / or teleprompter), to display the tally light codes, etc.

Camiflex was also designed to leave the choice of fiber optics. To each needs and constraints: offset over several kilometers or remote power supply of the camera via fiber optic, Camiflex supports all use-cases.

Finally, and because not all cameras are alike, the design of Camiflex has been designed to allow positioning of everyone's choice: free-standing, between a tripod and the camera or between the camera and its battery.

benefits:

- Agnostic of models and brands of cameras
- Feeding the camera and ancillaries through Camiflex
- Mounting as free-standing, under or at the back of the camera
- 4 models for greater flexibility
- Small footprint, low power consumption and passive cooling



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Camiflex version characteristics:

Camiflex version	Lite	Standard	Ethernet	PTZ
Audio/Video				
Video from the camera to the base-station over 3G-SDI connector	✓	✓	✓	✓
Video from the base-station to the camera over 3G-SDI connector	✓	✓	✓	
Composite video from the base-station to the camera (return feed or teleprompter)	✓	✓	✓	
Genlock towards the camera	✓	✓	✓	✓
Bidirectional headset and microphone connector over 5 points XLR		✓	✓	
Headset and microphone audio level managed with mini switch on camera side		✓	✓	
Bidirectional intercom connection for multi-operator communication		✓	✓	
Data				
Tally with Preview/On Air	✓	✓	✓	
Tally output connector	✓	✓	✓	
RS-232 / RS422 / LANC for remote control	✓	✓	✓	
Ethernet / USB for remote control			✓	✓
Optical				
Fischer, LC, ST, Lemo or Neutrik connectors	✓	✓	✓	✓
Single mode hybrid optical fiber up to 200 meters	✓	✓	✓	✓
Single mode tactical optical fiber up to 20 kilometers	✓	✓	✓	✓
Power				
DC Out 40W to feed the camera and accessories	✓	✓	✓	✓
DC IN from +8V to +24V for a local feed	✓	✓	✓	✓
Mechanic				
Compact and lightweight on camera side	✓	✓	✓	✓
Passive cooling on camera side	✓	✓	✓	✓
# of head station per 1RU/19" base station	1	1	1	2
Miscellaneous				
Docking on camera: V-Lock, Anton Bauer, Cartoni	Option	Option	Option	
Cable set between Camiflex and camera ⁽¹⁾	Option	Option	Option	Option
Cable set between Camiflex and remote control ⁽¹⁾	Option	Option	Option	Option

⁽¹⁾: cable set from and to camera is available on demand for any camera from Canon, JVC, Sony and Panasonic brands



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