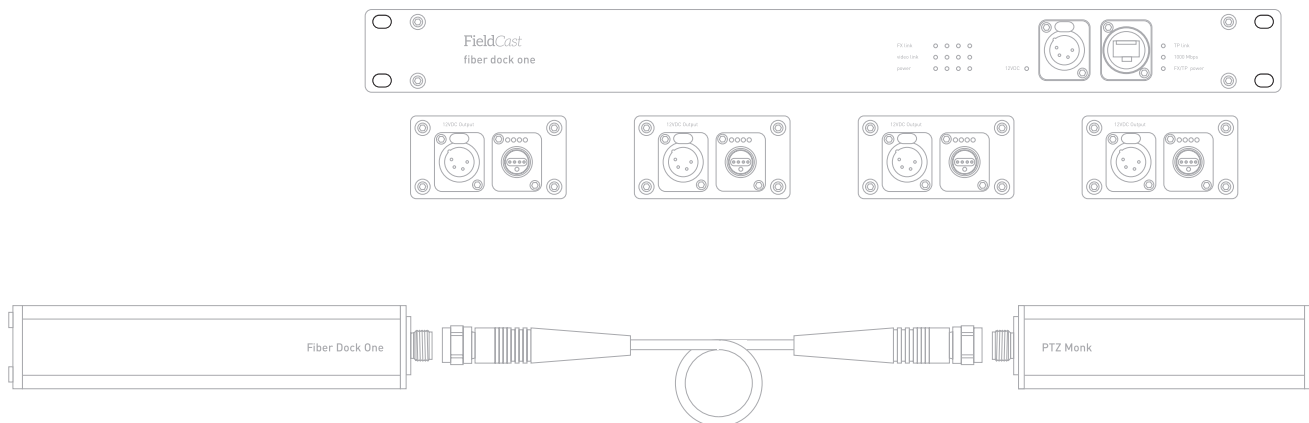# fiber dock one 3G / **PTZ monk** 3G

Do you want to go remote with your high end PTZ cameras and really make use of the strength of their uncompressed SDI output? And do you also want to power them remotely, using the same cable that runs the control data and the video signal?

Fiber Dock One, in combination with up to four PTZ Monk units, can bring you all of this, by using the full potential of our flexible fiber optic hybrid cable.

The system offers you a 1Gb ethernet network over fiber, so you simply can connect your PTZ controller to Fiber Dock One and each PTZ camera to it's own PTZ Monk. The SDI output of the camera will be fiber converted by PTZ Monk, be run over the cable and converted back by Fiber Dock One, giving you full, unchanged SDI quality output.
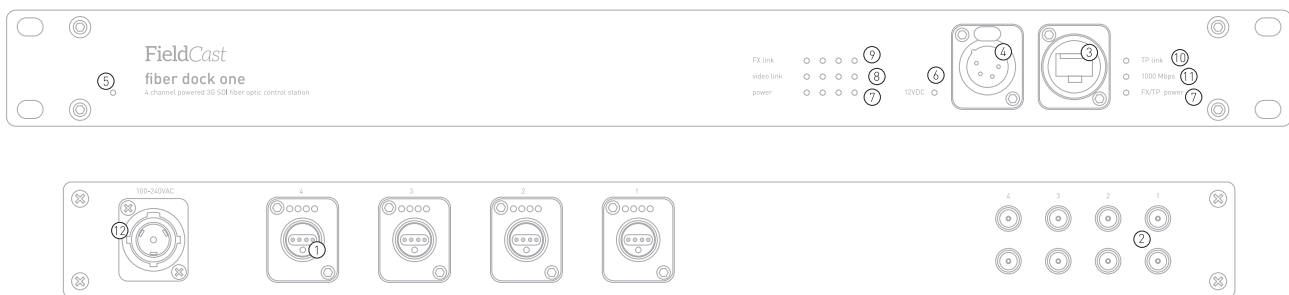Fiber Dock One runs 24VDC power over each of its four channels, and PTZ Monk converts it back to stable 12VDC output to feed your camera.

specifications
fiber dock one 3G

- 9/125 single mode fiber optic technology over four 2Core Hybrid chassis connectors (1)

- four 3G (2.97GHz) SDI over fiber input channels through hybrid connectors (1)

- four 3G (2.97GHz) SDI channels with dual SDI output, all through BNC connectors (2)

- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M

- accepts all SD and HD standards up to 1080p60

- 1Gb Ethernet network IEEE802.3U IEEE802.3z, full duplex or half duplex

- RJ45 local Ethernet connector (3), Ethernet over fiber through hybrid connectors (1)

- 24VDC output through each of the four hybrid connectors (1), 260W max total power

- 12VDC output through 4-pin XLR connector (4)

- black front panel with 2mm. warm white led indicators

- led indicator for AC power input (5)

- led indicator for 12VDC output (6)

- led indicators for channel module activity (7), SDI signal over fiber (8), Ethernet over fiber (9)

- led indicators for local Ethernet (10) and for detection of 1Gb signal level (11)

- power consumption $\leftarrow$ 300W

- 110-240VAC input with PowerCon connector (12)

- dimensions: 482(W) x 205(D) x 43(H) mm.

- comes with manual and local power cord

specifications
PTZ monk 3G

- 9/125 single mode fiber optic technology over 2Core Hybrid chassis connector (1)

- 3G (2.97GHz) SDI inputchannel through BNC connector (2)

- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M

- accepts all SD and HD standards up to 1080p60

- 3G (2.97GHz) SDI over fiber output channel through hybrid connectors (1)

- 1Gb Ethernet network IEEE802.3U IEEE802.3z, full duplex or half duplex

- RJ45 local Ethernet connector (3), Ethernet over fiber through hybrid connectors (1)

- 14-38VDC input through hybrid connectors (1)

- 12VDC, 60W max nominal output through 4-pin XLR connector (4)

- led indicator for 12VDC power output (5)

- led indicator lighting up when valid SDI input signal is being detected (6)

- led indicators for local Ethernet (7) and for detection of Ethermet network over fiber (8)

- power consumption ← 62W

- all aliminum housing, with steel 1/4"-20 insert in bottom plate

- dimensions: 82(W) x 150(D) x 43(H) mm.

- weight: 640 grams

- comes with manual and local power cord