

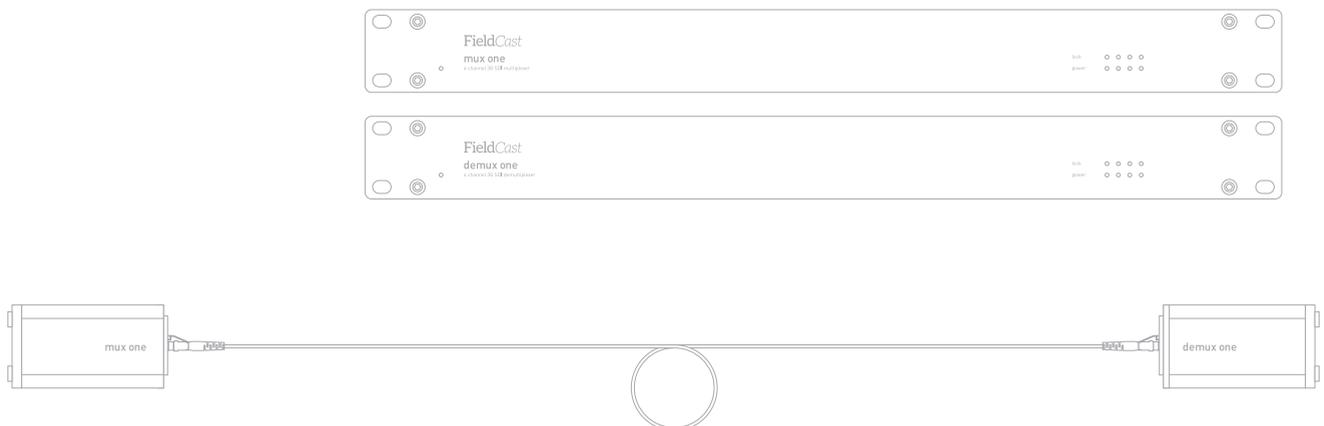
# mux one 3G / demux one 3G

Mux One and its twin sister Demux One allow you to transport four independent channels of 3G SDI video over just one single mode fiber optic channel.

Is your infrastructure such that you have limited access to individual fiber optic connections, Mux One and Demux One can help you to run multiple channels of video without the need for separate cables.

Or else, do you want to roll out a minimum number of cables in live events environments, just use Mux One and Demux One, multiplex up to four channels of video and get them from A to B using only one strand of fiber!

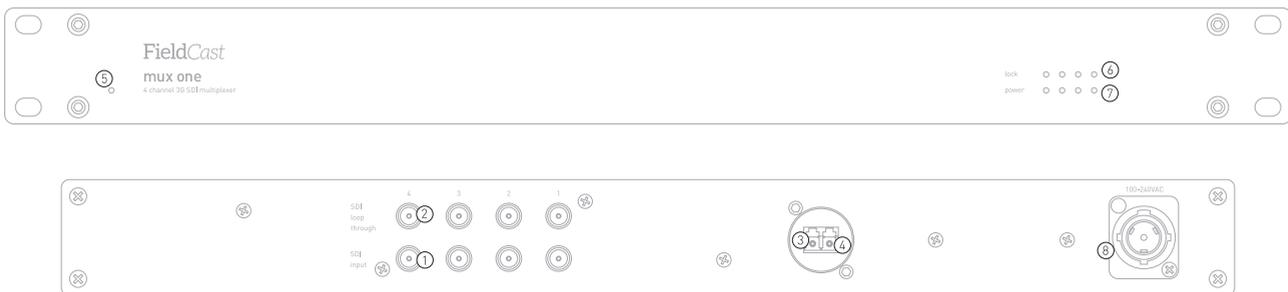
No hidden processing involved! All 3G video signals preserve full data integrity! What goes in comes out, unchanged.



# specifications

## mux one 3G

- 4 channel SDI input to 1 channel fiber optic output multiplexer
- 1RU all aluminum enclosure design
- 9/125 single mode fiber optic technology
- four 3G (2.97GHz) SDI input channels (1), each with SDI loopthrough (2)
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M
- accepts all SD and HD standards up to 1080p60
- one LC single mode (U)PC fiber optic output channel (3)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (4)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (5)
- four led indicators for channel module activity (6)
- four led indicators for SDI signal input activity (7)
- power consumption ← 40W
- robust thin film CWDM multiplexing technology
- maximum distance between Mux and Demux unit → 20km.
- 110-240VAC input with PowerCon connector (8)
- dimensions: 482(W) x 155(D) x 43(H) mm.
- weight: 1500 grams
- comes with manual and local power cord
- total weight boxed product: 1690 grams



# specifications

## demux one 3G

- 1 channel fiber optic input to 4 channel SDI output demultiplexer
- 1RU all aluminum enclosure design
- 9/125 single mode fiber optic technology
- four 3G (2.97GHz) SDI channels with dual output (1)
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M
- accepts all SD and HD standards up to 1080p60
- one LC single mode (U)PC fiber optic input channel (2)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (3)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (4)
- four led indicators for channel module activity (5)
- four led indicators for fiber optic signal input activity (6)
- power consumption ← 40W
- robust thin film CWDM demultiplexing technology
- maximum distance between Mux and Demux unit → 20km.
- 110-240VAC input with PowerCon connector (7)
- dimensions: 482(W) x 80(D) x 43(H) mm.
- weight: 1500 grams
- comes with manual and local power cord
- total weight boxed product: 1690 grams

