

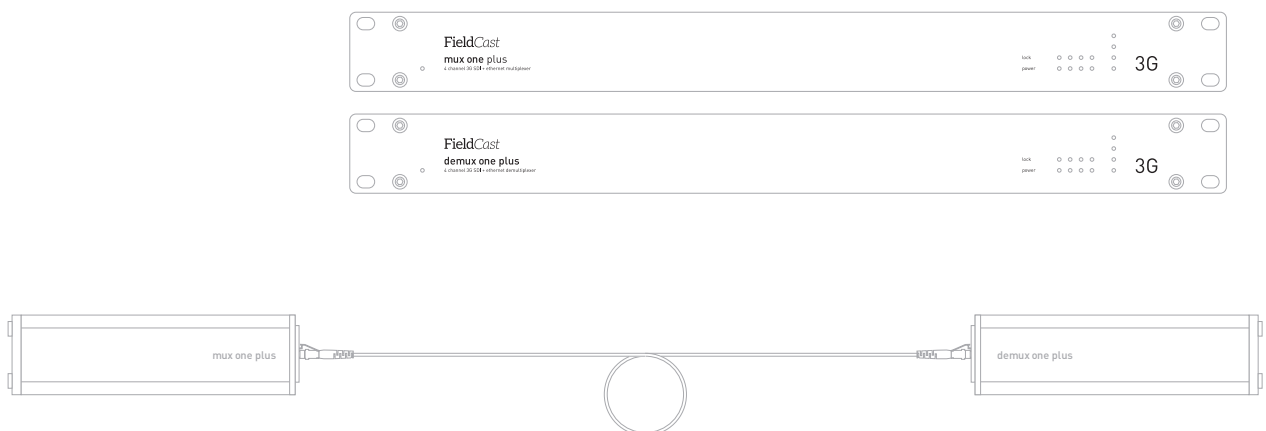
mux one plus 3G / demux one plus 3G

Mux One Plus 3G and its twin brother Demux One Plus 3G as a pair allow you to transport four channels of 3G SDI video plus full duplex 1Gb Ethernet over just one fiber optic channel.

Is your infrastructure such that you only have access to one single mode (simplex) fiber optic connection, Mux One Plus and Demux One Plus can help you to get this all done, plain and simple.

Or else, just use Mux One Plus and Demux One Plus in live events environments and run video plus ethernet using just one (simplex) fiber optic cable as a connection between the two units.

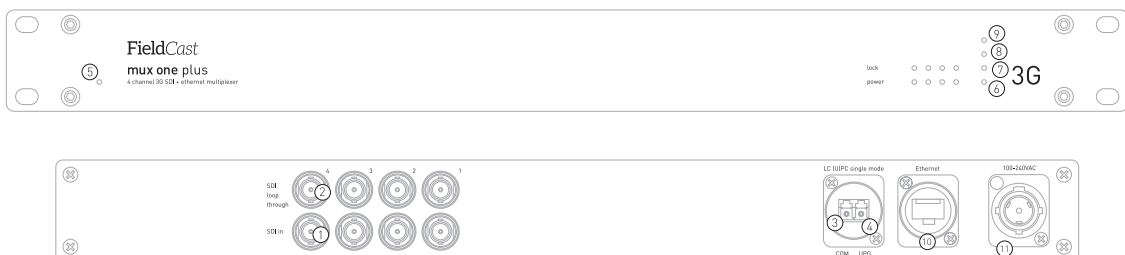
No hidden compression involved! All 3G video signals preserve full data integrity! What goes in comes out, unchanged. And the Ethernet connection simply behaves like a Cat5 cable connecting your hubs!



specifications

mux one plus 3G

- 4 channel SDI input to 1 channel fiber optic output multiplexer, plus 1Gb Ethernet fiber extender
- 1RU all aluminum enclosure design
- four 3G (2.97Gb) SDI input channels (1), each with SDI loopthrough (2), 75ohm BNC connectivity
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M
- accepts all SD and HD standards up to 1080p60
- 9/125 single mode fiber optic technology
- one LC single mode (U)PC fiber optic channel (COM) for all SDI signals and ethernet (3)
- one LC single mode (U)PC fiber optic upgrade channel (UPG) (3)
- Ethernet protocol: IEEE802.3U IEEE802.3z 1000Base-TxFx
- UTP RJ-45 connector for Ethernet, full duplex or half duplex (10)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (5)
- led indicators for channel module activity (6), input activity (7), TP/LNK (8) and 1Gb (9)
- power consumption ← 40W
- robust thin film CWDM multiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC input with PowerCon connector (11)
- dimensions: 482(W) x 155(W) x 43(H) mm.
- weight: 1800 grams
- comes with manual and local power cord



specifications

demux one plus 3G

- 1 channel fiber optic input to 4 channel SDI output demultiplexer, plus 1Gb Ethernet fiber extender
- 1RU all aluminum enclosure design
- four 3G (2.97Gb) SDI channels with dual output, 75ohm BNC connectivity (1)
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M and SMPTE 424M
- accepts all SD and HD standards up to 1080p60
- 9/125 single mode fiber optic technology
- one LC single mode (U)PC fiber optic channel (COM) for all SDI signals and ethernet (2)
- one LC single mode (U)PC fiber optic upgrade channel (UPG) (3)
- Ethernet protocol: IEEE802.3U IEEE802.3z 1000Base-TxFx
- UTP RJ-45 connector for Ethernet, full duplex or half duplex (9)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (5)
- led indicators for channel module activity (5), input activity (6), TP/LNK (7) and 1Gb (8)
- power consumption ← 40W
- robust thin film CWDM multiplexing technology
- maximum distance between Mux and Demux unit → 40km.
- 110-240VAC input with PowerCon connector (10)
- dimensions: 482(W) x 155(W) x 43(H) mm.
- weight: 1780 grams
- comes with manual and local power cord

