

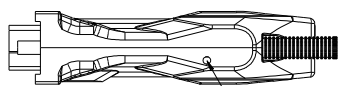
MED VFX-100

EN60601-1 certified Medical-Optical-DVI Isolator



- ▶ up to 500m cable length
- ▶ only one fiber cable needed
- ▶ Time Lag Free
- ▶ Real Colour support up to 36bit
- ▶ easy to install - no driver needed and self programming feature

easy to use



self-EDID Button

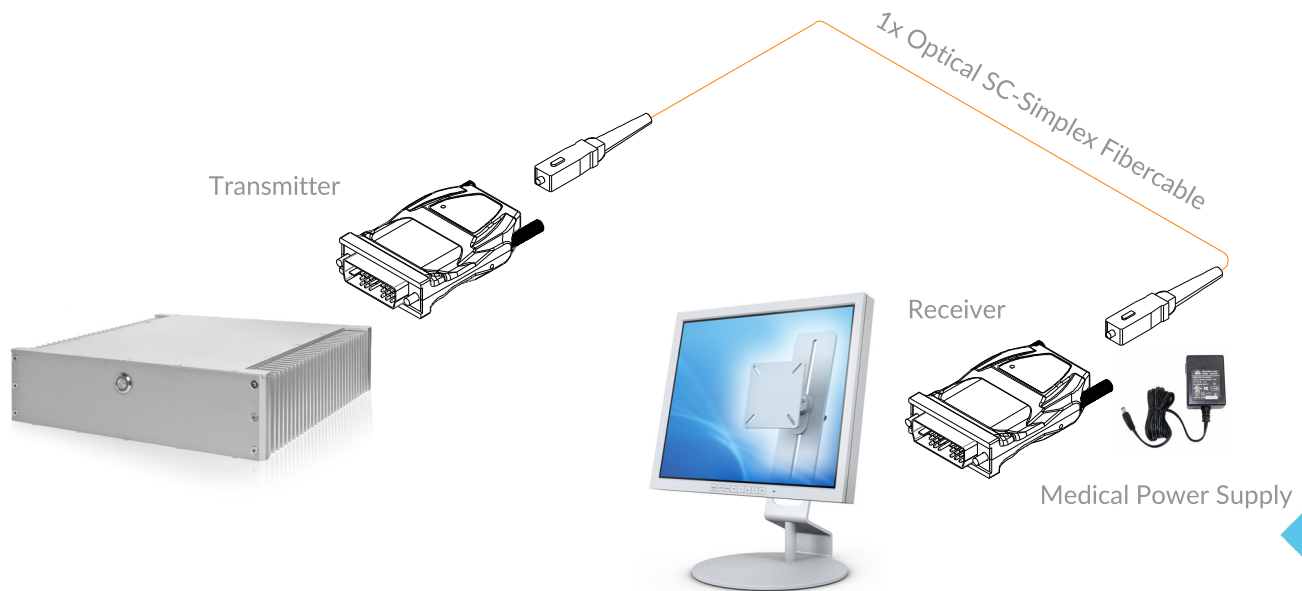
The optimal Resolution of each connected Display can be read and restored by just plugging the MED VFX-100 to the Display and pushing the self-EDID Button. This self programming feature makes the installation more easy and flexible at any variable resolution display systems.

Introducing the new MED VFX-100, Werth Systems powerful new addition to the field Isolator range. It extends and isolates all VESA resolutions up to WUXGA (1920x1200) at 60 Hz DVI Data up 500 meters over one multi-mode fiber cable. It complies with Class 1 Laser Eye Safety in compliance with UL/EN60601-1 3rd. Edition, 60601-1-2 3rd. Edition and FDA/CDRH. It is also certified according to CE/FCC Standards for EMC and EMI/RFI emissions. Based on the special optical converter there is nearly no loss of video quality and no noticeable Time Lag. So this is the ideal solution for Medical Imaging Systems.

Technical Data MED VFX-100

Description	MED VFX-100
Isolation Type	optical
Isolation	3000 V AC/1 Minute
Max. Resolution	1920x1200 @60 Hz
Bandwith	2.25 Gbps
Colordepth	36 bit
Signal Input	1x DVI-D
Signal Output	1x DVI-D
DDC Connection	Virtual DDC by Self-EDID programming
LED Indicators	Transmitter: Power, Signal Transmission Receiver: Power, Signal detection
Fiber Port	SC-Simplex
recommended Cable Type	1x Multi-Mode Fiber Cable with 62.5/125um or 50/125um (not included)
recommended total optical Attenuation	Max. 1.5 dB
recommended Skew	Max. 0.4 ns
recommended Insertion Attenuation	Max. 0.5 dB
max. Cable length	500m with 50/125 um Multi-Mode Cable
Housing	closed Plastic Case
Color	Black
Power Supply	Medical Power Supply 5 V DC, 2 A, 100-240 V AC Input
Power Consumption	Transmitter: 1.2 W / Receiver: 1.0 W
Dimensions	39x14.6x56mm (WxHxD) per each Module
Temperature Range	0 °C to 40 °C
Warranty	1 Year
Norms/Standards	FCC/CE, UL/EN60601-1, UL/EN60601-1-2, Class 1 LASER Eye Safety
Mode of Operation	Continuous Operation
Scope of Delivery	Manual, 2x Power Supply

Connection Diagram



Fiber Patchcable

- 2000538 2 m OM2 Simplex Multimode, SC/SC Plug, 50/125um
- 2000539 5 m OM2 Simplex Multimode, SC/SC Plug, 50/125um
- 2000540 10 m OM2 Simplex Multimode, SC/SC Plug, 50/125um
- 2000541 15 m OM2 Simplex Multimode, SC/SC Plug, 50/125um
- 2000542 20 m OM2 Simplex Multimode, SC/SC Plug, 50/125um
- 2000543 30 m OM2 Simplex Multimode, SC/SC Plug, 50/125um
- 2000544 50 m OM2 Simplex Multimode, SC/SC Plug, 50/125um

