



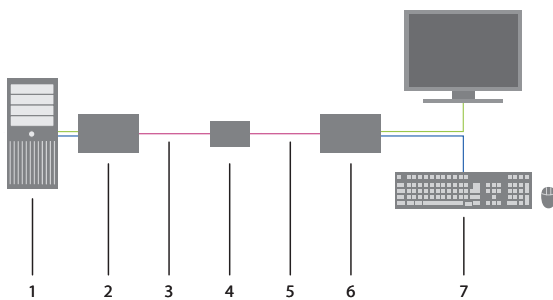
- Doubling of cable length
- Electrical/optical conversion
- Bidirectional data ports
- No configuration needed
- Compatible with all Draco KVM products

THE INSTALLATION OF REPEATERS at intervals within a signal path extends the distance the signal can be transmitted to further distance via Cat X and fiber cable. The new devices also incorporate cross-conversion between Cat X and fiber cables. Signals available on a Cat X network

may be converted to fiber for transmission and converted back to Cat X at the receiver (or vice-versa). High-quality signal processing and integral amplification ensures no signal degradation or transmission artifacts. Both device options can be deployed between extenders and between

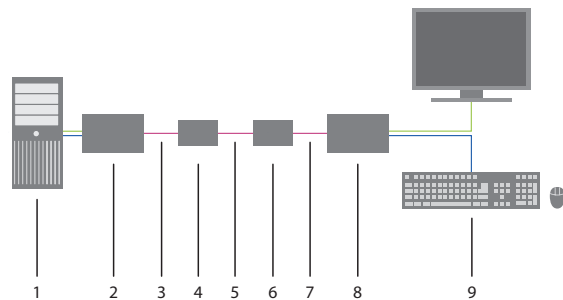
extender and matrix. The devices feature bidirectional data ports: Cat X and fiber ports are individually usable as inputs or outputs. No additional configuration is required. Single- and dual-repeater board versions are available for installation in Draco vario frame enclosures.

Functional Diagram



Repeater Function (optional: Media Conversion)

1. Source (computer, CPU)
2. KVM Extender CPU Unit
3. Interconnect cable (Cat X)
4. Draco vario (Cross) Repeater
5. Interconnect cable (Cat X / fiber)
6. KVM Extender CON Unit
7. Console (monitor, keyboard, mouse)



Dual Media Conversion

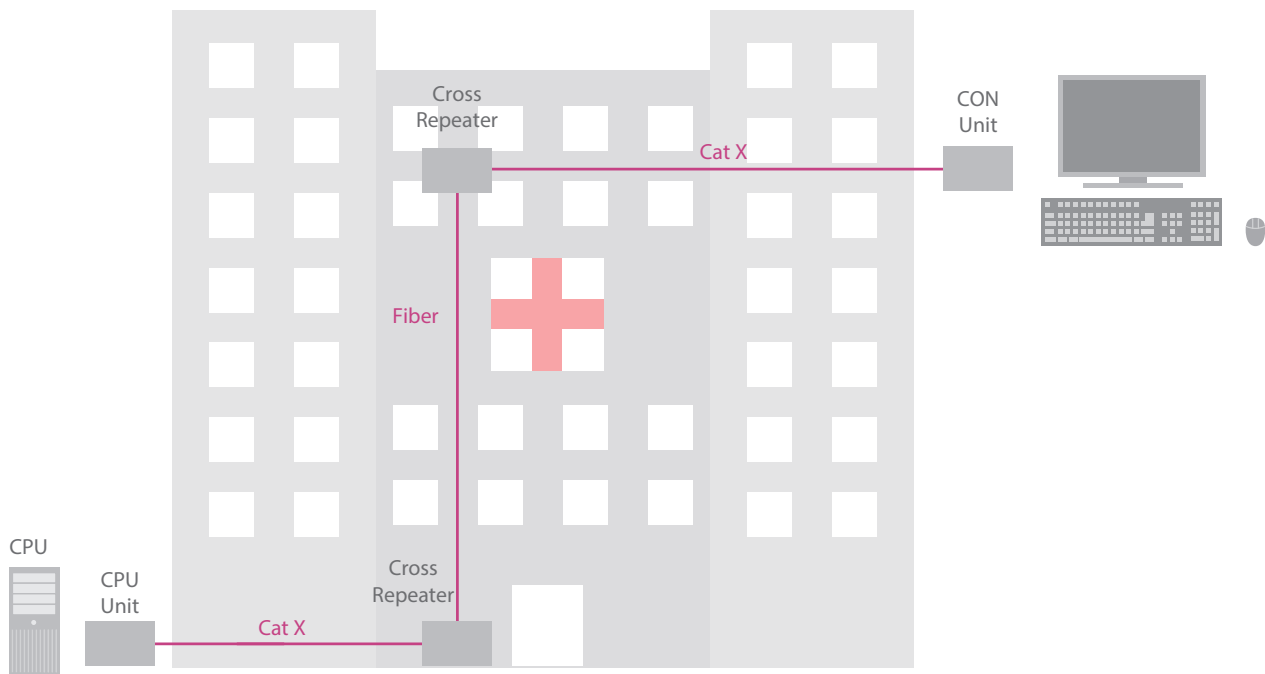
1. Source (computer, CPU)
2. KVM Extender CPU Unit
3. Interconnect cable (Cat X)
4. Draco vario Cross Repeater #1
5. Interconnect cable (fiber)
6. Draco vario Cross Repeater #2
7. Interconnect cable (Cat X)
8. KVM Extender CON Unit
9. Console (monitor, keyboard, mouse)

Technical Data

| | |
|-------------------------|---|
| Input Interface | Cat X, single-mode fiber |
| Output Interface | Cat X, single-mode fiber |
| Distances | Cat X up to 2x 140 m = 280 m Single-mode 9μ up to 2x 10 km = 20 km |
| Power Supply | Universal switch mode p.s.u. (90-240V Input) |

Application

In many large buildings the horizontal cabling is done with Cat X cables and the vertical cabling with fiber cables. If you use the Draco vario Repeater as a Cross Repeater, this application will be handled perfectly. The Cross Repeater is also very suitable for the interconnection between two buildings.



Graphics

485-BC



485-BS



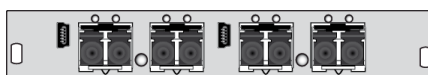
485-BX



485-BCC



485-BSS



485-BXX

