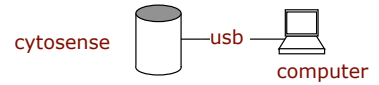


REMOTE CONTROL OPTION CYTOSENSE

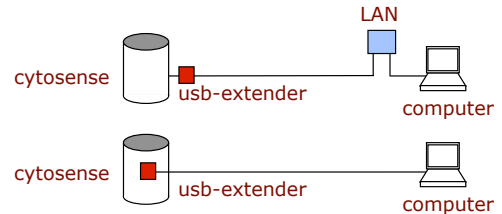
Remote connection to CytoSense may be convenient in situations where CytoSense needs to sample from a direct continuous source of water to be analyzed (for instance using the sampling T-piece) in a less accessible area.

Using CytoSense as a USB-device

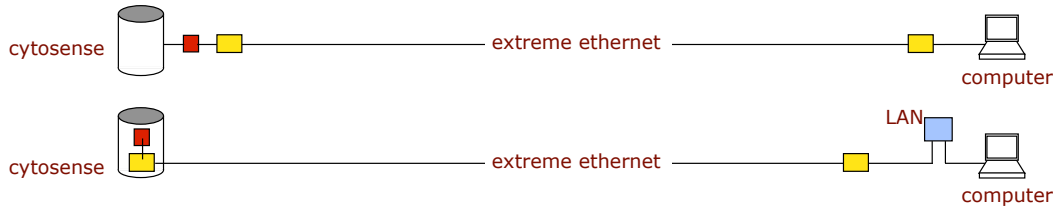
The basic CytoSense communicates with the laptop (or desktop) computer over USB (CytoSense is a USB-device), which is limited to a cable length of 5m.



Long distance (5 - 90 meter):
Standardly available 'USB-extender' technology exists to use USB devices over ethernet with IP address technology. This means you can use your CytoSense as a normal USB-device over a single ethernet cable or over a LAN using a converter box attached to the CytoSense (or built inside the CytoSense)

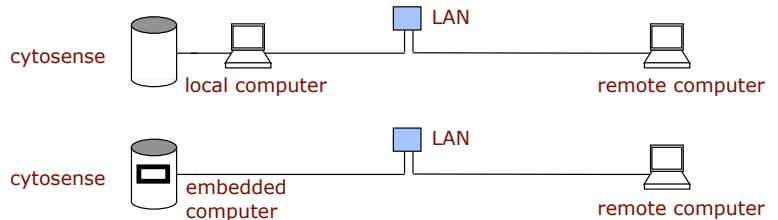


Very long distance (90 m - 1000 m)
Ethernet communication can be extended beyond the 90-100 m limit using a set of 'extreme ethernet' converters. If used with the 'usb-extender' converter mentioned above you can use the CytoSense as a USB-device over distances up to about 1000 meter (although data transfer speed gets slower at these very long distances). We can build this instrument side converter also inside the CytoSense.

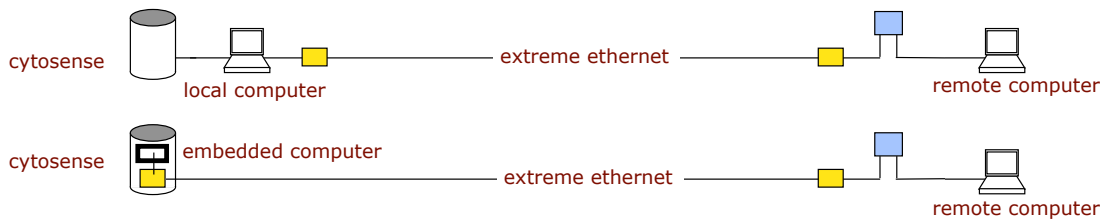


Using CytoSense with a local and a remote computer

The local computer can also be replaced by an embedded computer.



The CytoSense laptop (more generally: the local computer) can be approached by a remote computer over a standard ethernet LAN (max. distance ca. 90 m), and up to ca. 1000 m using the 'extreme ethernet' converters solution.



Because a LAN setup is used it means that a wireless network solution (WAN) can be used also, for instance using WiFi antennas (up to kilometers with directional antennas). It also means that the CytoSense can be approached over the internet (unrestricted distance).

