# Top Industrial-grade Remote Display Solutions

AAEON's remote display technology, which is one of the first to be introduced in the industrial field, is a premier cutting edge innovative solution. The remote display can extend the video/audio signal anywhere by Ethernet network allowing critical data to be secured in remote & protected centers. It also can support up to three networks; One to one, one to multiple, and cascade. The display can be placed near local fields and show key information to the operator. The remote display solution is ideal for machine manufacturers, factory automation, logistics system and digital signage applications.
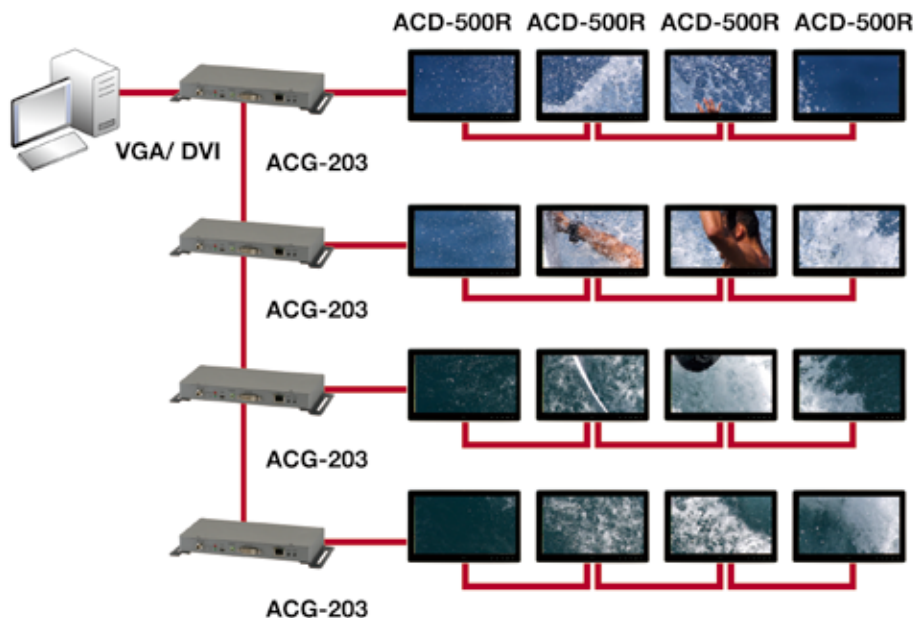
One-to-one Structure

The purpose of a one-to-one network is to allow a display to be used anywhere away from the host PC. The display can be placed at any location with Ethernet access. The entire VGA/DVI(1920 x 1080) signal will be transmitted from a host PC to a remote display via the Ethernet. The system structure is shown below:
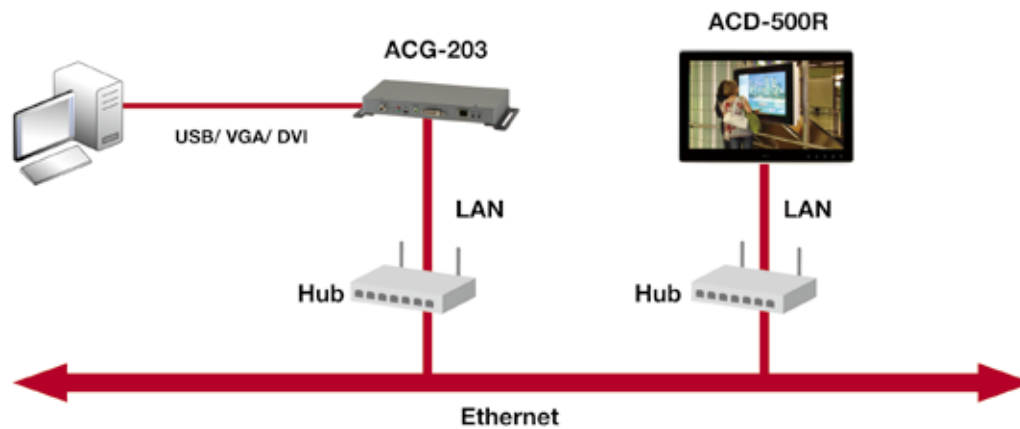

Digital Wall Structure

The purpose of a digital wall network is to let users to control the display content online by remote TCP/IP. The digital wall network supports 4x4 displays so end users can utilize the 16 displays to show four different sets of content (one image is composed of four displays). The content/image can also be divided on the screen by enlarging the image and using all 16 displays. The system structure is shown below.

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One-to-multiple Structure

The one-to-multiple network is a special design for digital signage applications to show the same screen/audio in different display monitors. The display can be placed in any area where you can get an Ethernet connection. The screen & audio which is from the host PC can be shown in remote displays via Ethernet. The system structure is show below:
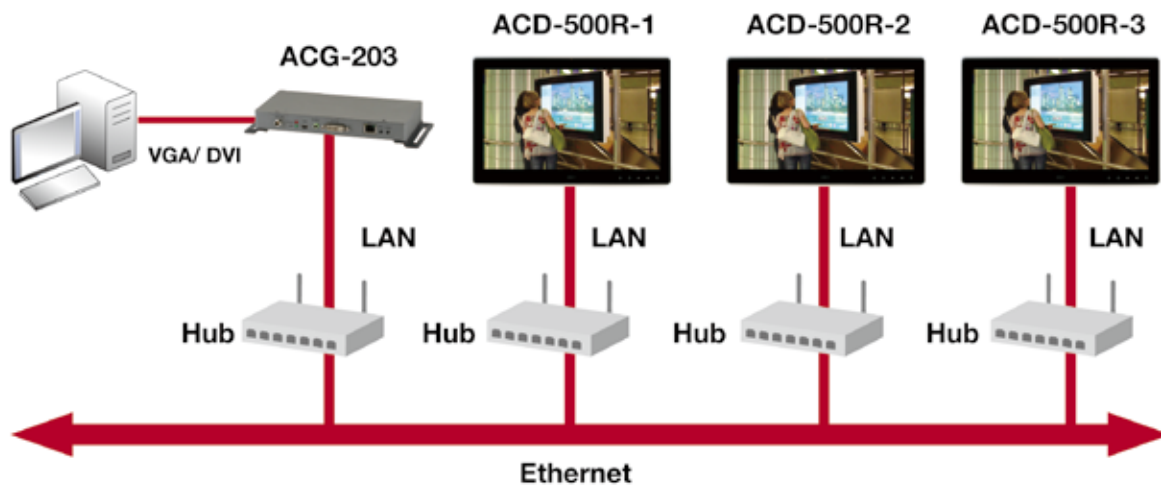
Cascade Structure

The purpose of a cascade network is to save on cabling installation costs. It is specially designed for digital signage applications with limited space such as trains, buses and airports. With a cascade network set up, an end user can deploy digital signage displays easily and save on installation costs. The system structure is show below: