



AgileMesh AV-3000 Network Bridge

The AgileMesh Network Bridge (AV-3000) is a self-configuring appliance that serves as a plug-and-play transport bridge between AgileMesh's wireless networks and other in-place wired or wireless networks (LAN/WAN). The AgileMesh network is created "out of the box" using our rapidly deployable video nodes, which host multiple IP and analog video cameras. The plug-and-play aspect of the AV-3000 network bridge relates to the ease with which it can be connected to both networks via standard network cables and the automatic discovery of the video sources on the AgileMesh network for mapping across the bridge between the networks.

Technical Features:

- Automated discovery of video sources
- DHCP server on the AgileMesh network
- Automated self-configuration for routing between networks
- Algorithmic mapping of video source IP addresses to LAN/WAN network ports
- Can accept a LAN/WAN network address via the DHCP protocol
- Replication of video streams toward the LAN/WAN to minimize loading on the wireless network
- Automatic DDNS setup based on video source names
- User-optional one-to-one manual remapping of IP addresses between the inside and outside networks
- Automatic port forwarding for AgileMesh network IP addresses assigned via DHCP
- Automatic dynamic web page generation with video thumbnail images to make identification and selection of video sources easy

