

ARCNET™ NETWORKING HUBS

From InterContinental Micro (ICM)

HUBs are required when more than two nodes are linked in an ARCnet network.

ACTIVE HUBS

InterContinental Micro offers two models of Active HUBs—the HUB-2A (two ports) and the HUB-8A (eight ports). Each port on either model can transmit up to 2300 feet at 2.5 MBits per second using RG-62 93 ohm coaxial cable. Active HUBs can interface with another Active HUB port, a network node, a Passive HUB port, or be left open for future expansion.

Integrating more than four nodes in a Local Area Network requires an Active HUB. Both the HUB-2A and the HUB-8A can be used as amplifier/repeaters for ARCnet signals traveling long distances—the HUB-2A is the more cost effective of the two models if used as an amplifier/repeater. Signals can be repeated between Active HUBs for distances of up to 40 miles.

Power supplies and low profile enclosures are included for both the HUB-2A and the HUB-8A. These HUBs require 115 VAC; however, they can be modified for use with 220 VAC.

PASSIVE HUBS

ICM's 4-Port Passive HUB, the HUB-4P, is used to link nodes together. It acts as a junction for ARCnet signals and can connect up to four network nodes. The HUB-4P requires no power.

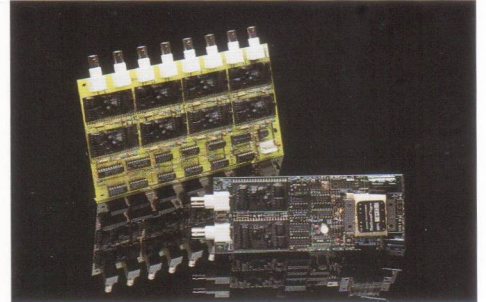
Each port on the HUB-4P can transmit up to 200 feet at 2.5 MBits per second using RG-62 93 ohm coaxial cable. Unlike the Active HUBs, Passive HUBs cannot be linked with other Passive HUBs. Passive HUBs can be interfaced with Active HUB ports, network nodes, or may be left open for future expansion. An Active HUB must be used to link Passive HUBs together.

FEATURES

TurboLAN®—THE NETWORKING SOLUTION

ICM's TurboLAN architecture is an S-100 BUS and ARCnet Local Area Network (LAN). TurboLAN runs under Software 2000's well established Multi-user, Multi-processor TurboDOS™ Operating Systems. TurboLAN is a star configuration network using coaxial cable in combination with HUBs to interconnect APPLICATION PROCESSORS (NODES) to FILESERVERS. TurboLAN has been installed on many S-100 BUS Computers; IBM-PCs™, XTs™, ATs™, JRs™;

Zenith Z100s™, Z-150s™; Tandy 1000s and 1200s; Coronas, Compaqs, Leading Edges, Faradays, Tavas and many other PC Compatibles. Additionally, ICM's ARCnet cards can be used on any ARCnet network



such as Via-Net, Novelle, SMC, Datapoint and others. Fileservers can be built around S-100 BUS computers, ATs, XTs, or any compatible with a hard disk. TurboLAN supports data sharing between PC-DOS™, MS-DOS™, CP/M 86™, and CP/M 80™ environments. In addition, under TurboDOS, the S-100 BUS computer can have 16 or more Application Processors

