



## 1199 Terminal Multiplexer

***Multiplexing is the ideal solution when your growing network requires the addition of numerous dedicated cabling runs to displays or printers. Multiplexing also provides greater cabling flexibility when relocating existing or new host attached display stations or printers. And with per port LED indicators, the Visara 1199 Multiplexer Family enhances the diagnostic capabilities within your network.***

### Minimizing Your Cable Cost

Running numerous coaxial cables from the Visara 1174 Communications Server to the various terminals or printers in a work group area can be expensive. A cost-effective alternative for your network cabling, the Visara 1199 Terminal Multiplexer reduces the need for multiple individual long run coaxial cables. The Visara 1199 Multiplexer Family provides for the attachment of up to 32 devices on one multiplexed output port from a Visara 1174 Communications Server. When using the 1199 Terminal Multiplexer, it is possible to reduce floor to floor cable runs to a single RG62AU coaxial cable. In large manufacturing facilities, run single RG62AU coaxial cables to clusters of terminals and printers.

### Increasing Your Operating Range

In many facilities, physical location can limit your options for ideal efficiency and functionality. Now, with the Visara 1199 Multiplexer Family, you can effectively double the distance between your Visara 1174 Communications Server and your coax terminals and printers.

### Multiple Models

The 1199 Multiplexer is available in a variety of configurations allowing it to be matched to the unique cabling requirements of the install environment. The 1199 is available in two base configurations; 16 port

(supporting the attachment of up to 16 coaxial devices) or 32 port (supporting the attachment of up to 32 coaxial devices).

- The Standard 16/32 port 1199 (Class S) is equipped with standard, or Single Purpose, coaxial BNC connectors which support connection to the 1174 Communications Server and coaxial devices via RG62AU coaxial cabling.
- The Enhanced 16/32 port 1199 (Class C) is available with Dual Purpose Connectors (DPC). These coaxial connectors allow the 1199 to use RG62AU coaxial cable and/or twisted pair transmission media such as IBM Cabling System Type 1, 2, or 9 and EIA/TIA Cat 3 UTP.

All versions of the 1199 Multiplexer can be installed on a desktop or rack-mounted with the optional Racking Kit. The 1199 units have operator LED lights to indicate power applied and LED indicators located at the input port and device ports reflect activity between the 1174 Communications Server and attached devices.

## Product Specifications

### Physical Statistics

	1199-16 S/C	1199-32 S/C
Device Support	Up to 16	Up to 32
Weight	13.5 lb (6.1 Kg)	13.75 lb (6.2 Kg)
Height	3.37 in (8.56 cm)	3.37 in (8.56 cm)
Depth	15.5 in (38.1 cm)	15.5 in (38.1 cm)
Width	17.0 in (43.18 cm)	17.0 in (43.18 cm)
Power Consumption	12.25 W (typical)	24.50 W (typical)
Heat Dissipation	42 BTU/hr	84 BTU/hr

**Note:** One MCC required in the 1174 Communications Server when attaching via RG62AU coaxial cabling.

### Cabling Distances

RG62AU Coaxial Cable	4920 ft (1500 m) (Maximum)
ICS Type 1 & 2	4920 ft (1500 m) (Maximum)
UTP Cat 3	900 ft (275 m) (Maximum)
ICS Type 9	3280 ft (1000 m) (Maximum)

**Note:** ICS stands for IBM Cabling System and may require unique Baluns. If the 1199 Multiplexer is connected to the 1174 Communications Server via coaxial cable, and the user devices are attached to the 1199 Multiplexer with coaxial cable (example), then the maximum resulting distance between the 1174 Communications Server and device is 9840 ft (3000 m).

### Environmental Parameters

Clearance	3 inches (7.62 cm) on each side of the unit for cooling when installed as a desktop unit.
Temperature Range	50° to 105°F (10° to 40.5°C)
Relative Humidity	8% to 80% (no condensation)
Maximum Wet Bulb	80°F (26.7°C)
Power	90-132 VAC or 180-264 VAC at 47 to 63 Hz

### Safety and Regulatory Information

Safety	Electro-Magnetic Interference
· UL1950	· FCC Class A commercial environment
· CSA950	· CDoC CLASS "A"
· CE Mark	· CE mark
· IEC950	· EN50022
· EN60950	· EN50082-1
· EU Low Voltage	· EU EMC Directive