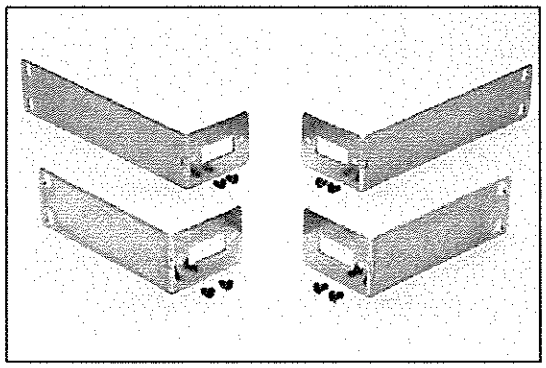


Figure 5
19" & 23" Single Unit Kits

Dual Unit Bracket Kits are available in Full and Half Kits. The Full Kit includes all parts needed to mount the two NIDs. A Half Kit includes the parts for one of the NIDs of the pair.

The Full Kit includes 2 Rack Mount Ears (NID to rack/cabinet bracket), 2 NID to NID Front Brackets, 1 Front Bracket Connector Plate, 1 Rear NID to NID Bracket, and all screws needed to attach the brackets to the NIDs. Brackets are interchangeable right and left.

Half Kits include 1 Rack Mount Ear, 1 Front NID to NID Bracket, 1 Front Bracket Connector Plate, 1 Rear Bracket and all screws needed to attach the brackets to the NIDs.

Dual NID Mounting Full and Half Kits are pictured below.

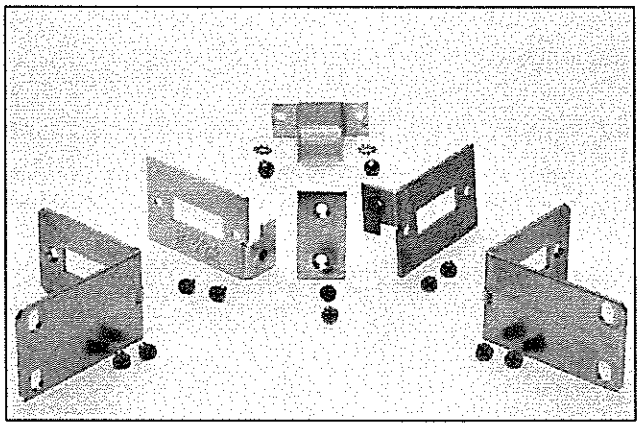


Figure 6
23" Dual Rack Mount – Full Kit

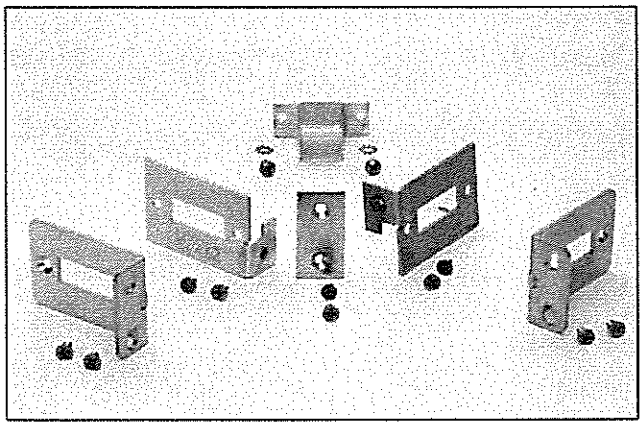


Figure 7
19" Dual Rack Mount – Full Kit

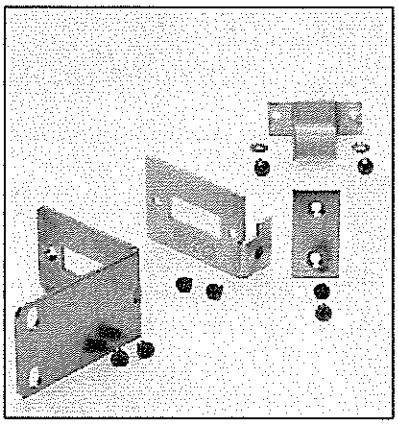


Figure 8
23" Dual Rack Mount – 1/2 Kit

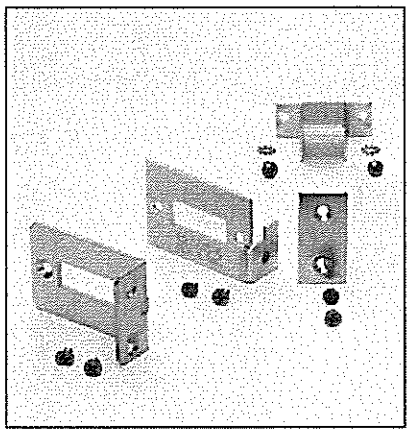


Figure 9
19" Dual Rack Mount – 1/2 Kit

Table 1 below shows Rack Mount Kits for the 9145E and their ordering part numbers.

Rack Mount Kit	Description
1802-2016	Rack Mount Bracket Kit, 19" Single Unit
1802-2017	Rack Mount Bracket Kit, 23" Single Unit
1802-2018	Rack Mount Bracket Kit, 19" Dual Unit 1/2 Kit
1802-2019	Rack Mount Bracket Kit, 19" Dual Unit Full Kit
1802-2020	Rack Mount Bracket Kit, 23" Dual Unit 1/2 Kit
1802-2021	Rack Mount Bracket Kit, 23" Dual Unit Full Kit

Table 1 Rack Mount Bracket Kits

Single Unit Rack Mounting

Single Unit Mounting Brackets center the unit in the rack/cabinet. Brackets are interchangeable right and left and attach to the 9145E with 2 screws per side.

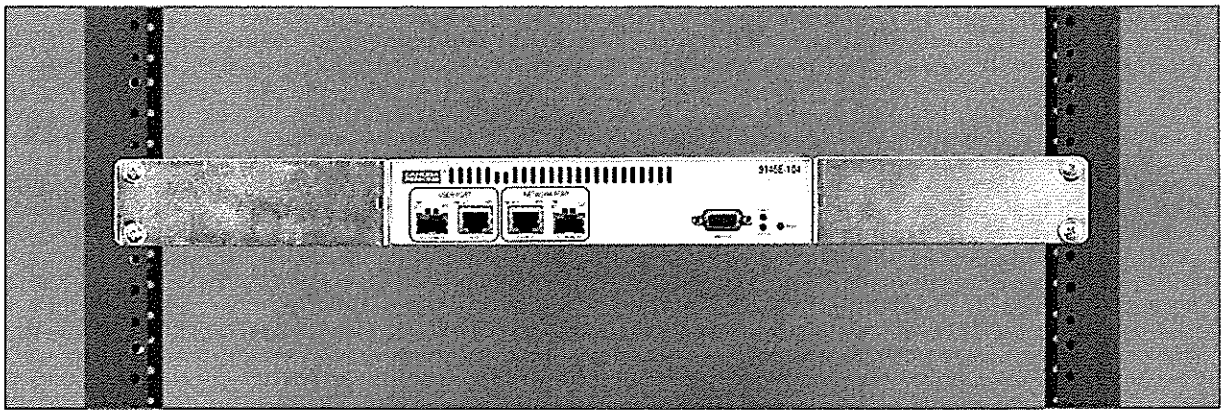
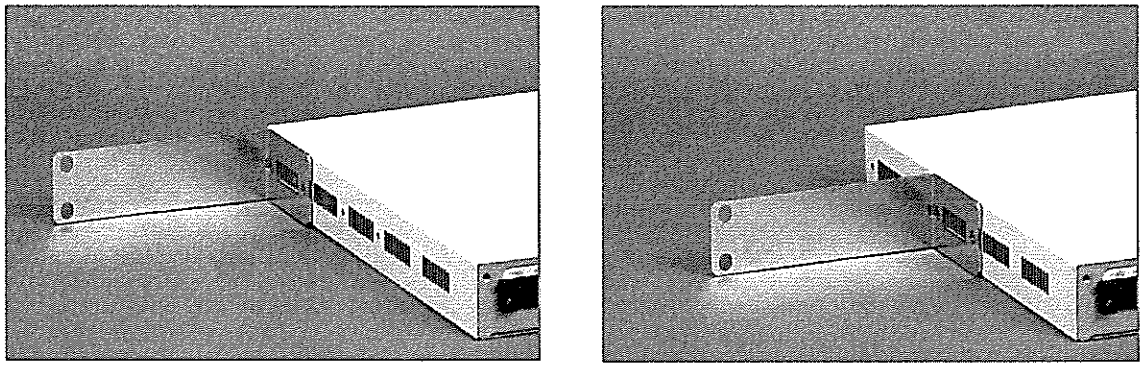


Figure 10 Single 9145E in Mounted in a 19" Rack

The Rack Mount Kit includes two mounting brackets, and the 4 screws required to attach the brackets to the 9145E. The brackets attach to two of the threaded holes on each side of the 9145E. Brackets can be attached for Front Mounting or Mid (Gravity) Mounting, depending on which set of threaded hole used. Torque the screws to 14.5 to 15.5 in-lb.(1.64 to 1.74 Nm).



Front Mount **Mid/Gravity Mount**

Figure 11 Front and Mid Mounting of Brackets

The 9145E is ready to mount in the rack or cabinet. The bracket accommodates both EIA RU and ½" computer cabinet spacing. Mount the 9145E in accordance to the rack's or cabinet's recommendations.

Warning: *When mounting the NID in a Rack or Cabinet, place Rack Screws in all 4 positions of the Brackets. Failure to secure all 4 corners of the bracket and properly mount the 9145E can cause personnel injury and damage the 9145E and Rack or Cabinet.*

Dual Unit Rack Mounting

The Dual Unit Rack Mounting Brackets allows two 9145Es to be installed into 19" and 23" Racks or cabinets, side by side. This mounting system also supports Canoga Perkins 9145E10G 10 Gigabit NIDs and 9145EMP Multiport 1 Gigabit NIDs. The 9145E, 9145E10G and 9145EMP can be mix and matched with these brackets. ***Figure 12*** shows the 9145E 1G NID mounted with a 9145E10G 10G NID.

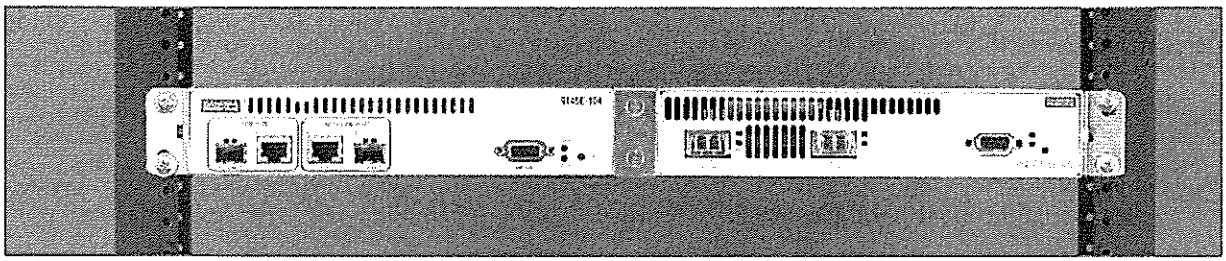


Figure 12 Dual Rack Mounted NIDs

Contained in the Dual Unit Rack Mounting Kit are brackets to connect the two NIDs together, front brackets and a rear bracket. This is common to the 19" Kit and 23" Kit. The Kit also contains the rack mount ears and is specific to 19" or 23" Kits.

Attaching Dual Unit Mounting Brackets

Step 1 – Front NID to NID Brackets

Determine which NIDs will be the Right and Left. Attach the Front NID to NID brackets to the front most position on the side of the NIDs. The Bracket attaches to the Left Side of the Right NID and the Right Side of the Left NID. ***Figure 13*** is a rear view of the Left NID showing attachment of the brackets to the Right side of the NID. Torque all screws to 14.5 to 15.5 in-lb.(1.64 to 1.74 Nm).

CAUTION: *The Middle Brackets must be installed in the front and rear of the NID as shown in* ***Figure 13****. Installing the Front Brackets in any other position weakens the connection between the NIDs and can cause personnel injury and damage the NIDs.*

Step 2 – Attach Rack Mount Ears

Attach Rack Mount Ears to the Side of the NIDs. They can be positioned for Front or Mid Mounting and attach to the opposite side of the NID from the Front NIN to NID Brackets. Torque all screws to 14.5 to 15.5 in-lb.(1.64 to 1.74 Nm).