INSTALLATION GUIDE
NI 9903

Panel Mount Kit for NI cDAQ-9181/9191 Chassis

Use the NI 9903 panel mount kit to mount the
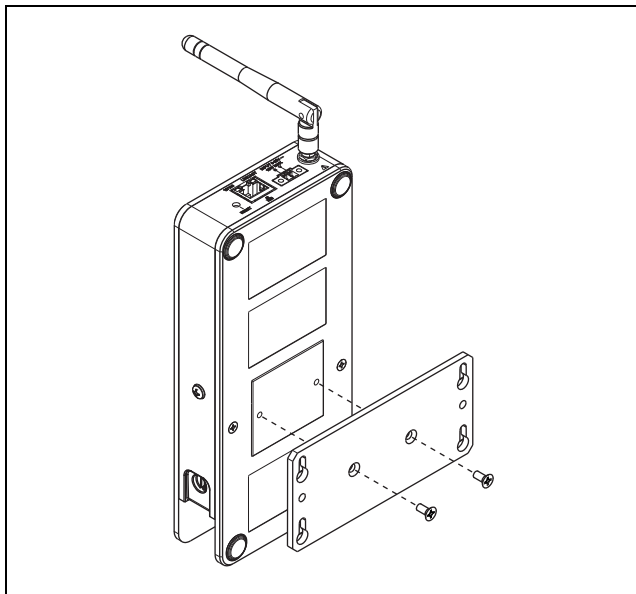NI cDAQ-9181/9191 chassis on a panel.

⚠️ **Caution** To maintain product performance and accuracy
specifications when the ambient temperature is between
45 and 55 °C, you must mount the chassis to a metal panel
or surface using the screw holes or the panel mount kit.
Measure the ambient temperature at each side of the
CompactDAQ system 63.5 mm (2.5 in.) from the side
and 25.4 mm (1 in.) from the rear cover of the system.
For further information about mounting configurations,
go to ni.com/info and enter the Info Code
cdaqmounting.
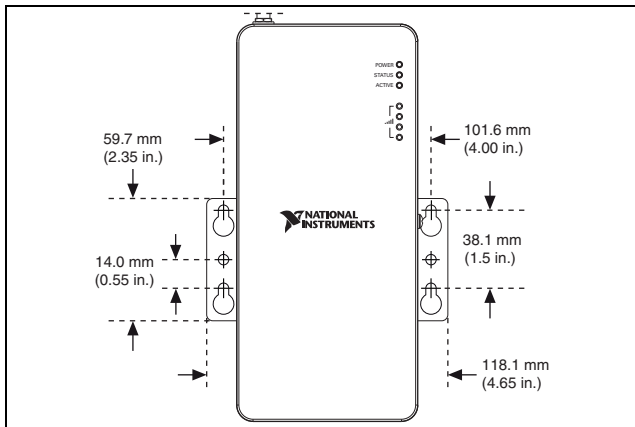
NATIONAL INSTRUMENTS

Note The threaded holes on NI cDAQ-9181/9191 chassis for panel or DIN rail mounting cannot be used more than five times. Unscrewing and reinstalling the screws into the chassis will produce a compromised connection between the panel and cDAQ chassis.

Align the panel mount accessory on the cDAQ chassis and attach the accessory to the chassis with the two FLH #6-32 × 5/16" screws (included in the kit), as shown in Figure 1. You *must* use these screws because they are the correct depth and thread for the panel.

You can then attach the cDAQ chassis to a wall or panel with the two holes or the four keyholes with M4, M5, No. 8, or No. 10 panhead screws. Refer to Figure 2 for panel mount accessory dimensions.

Figure 1. NI cDAQ-9181/9191 Panel Mount Installation

Figure 2. NI 9903 Panel Mount Accessory Dimensions