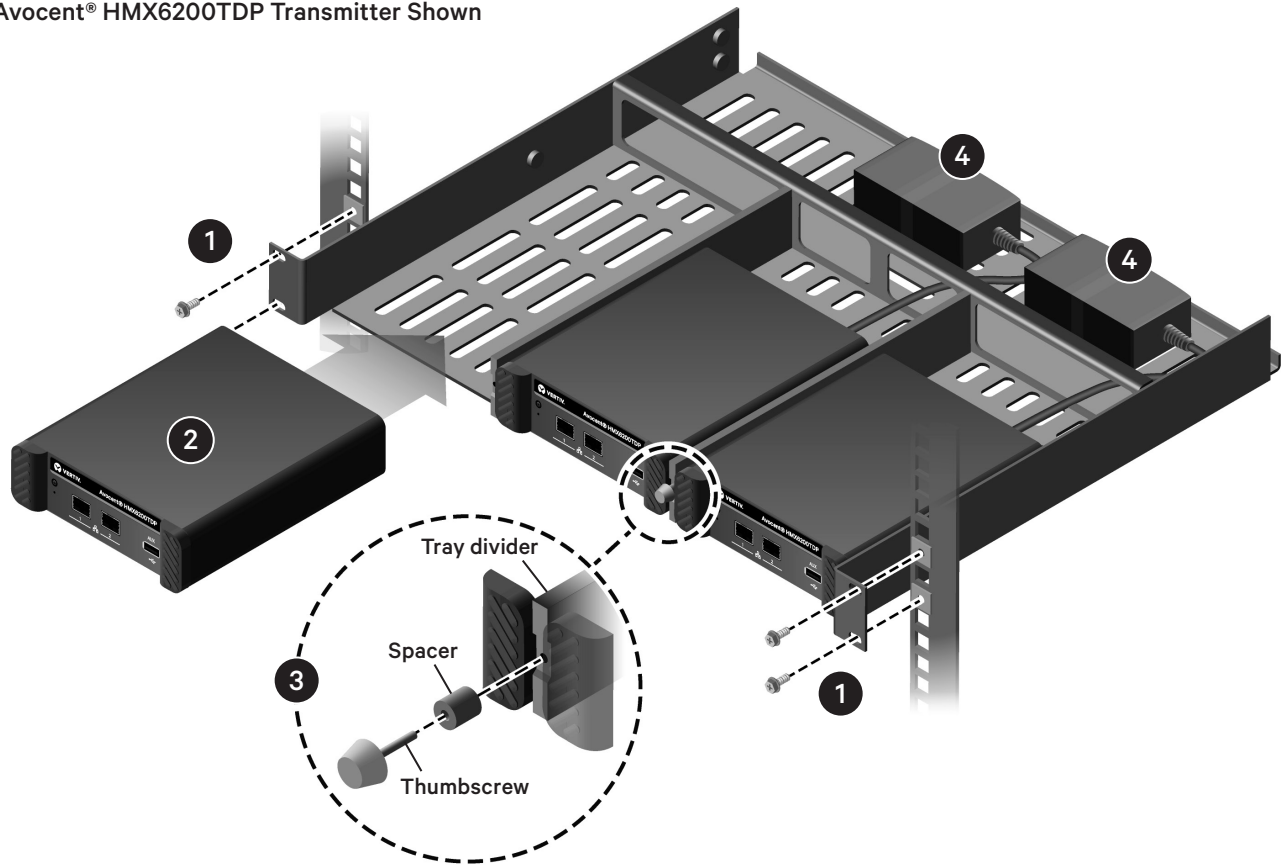# Avocent®HMX Extender System

HMX 6200 DP and HDMI Transmitters

Rack Mount Installation Guide

VERTIV™

Vertiv™ Avocent® HMX6200TDP Transmitter Shown

Tray divider

Spacer

Thumbscrew

This guide covers Vertiv™Avocent HMX 6200 DP and HDMI High Performance KVM extender system transmitters only.

CAUTION: HMX devices and their power supplies generate heat during operation. Do not mount them where air cannot circulate to cool the equipment. One-third of the U space (1/2 inch) must be allowed between rows of extenders when mounting within a rack chassis.

Do not operate the system in ambient temperatures exceeding 104°F (40°C) or place transmitters or receivers in contact with equipment that exceeds that surface temperature.

In order to maintain suitable cooling airflow, if only two transmitters are installed within the rack mount, install the optional blanking plate.

Follow the directions on the opposite side of this page to install the blanking plate as needed.

1. **Installing the tray in the rack**

   Install the rack mount tray in the rack and fully secure it.

2. **Installing the device in the tray**

   Place a transmitter into each rack mount tray compartment, inserting it until the device's rear panel presses against the small pegs on the tray side walls.

3. **Inserting the thumbscrew**

   Insert the supplied thumbscrew through the supplied spacer and into the small hole at the end of the tray divider. Gently tighten the thumbscrew so the spacer engages with the inner edges of each transmitter and holds them in place.

   Repeat to install the additional thumbscrew and spacer on the other tray divider end.

4. **Connecting power**

   Place the power adaptors in the rear of the rack mount tray. Connect one end of each adaptor to your HMX transmitter and the other end to an AC power source.

5. **Making other connections**

   Make all other connections to each HMX device in your extender system.

Blanking plate installation

1. Attaching the slotted flange

NOTE: Be sure the tray is supported at all times during the blanking plate installation.

Loosen (do not fully remove) the two bolts holding one of the tray's flanges to the rack upright. In the space between the loosened bolt heads and the tray flange, insert the blanking plate's slotted flange.
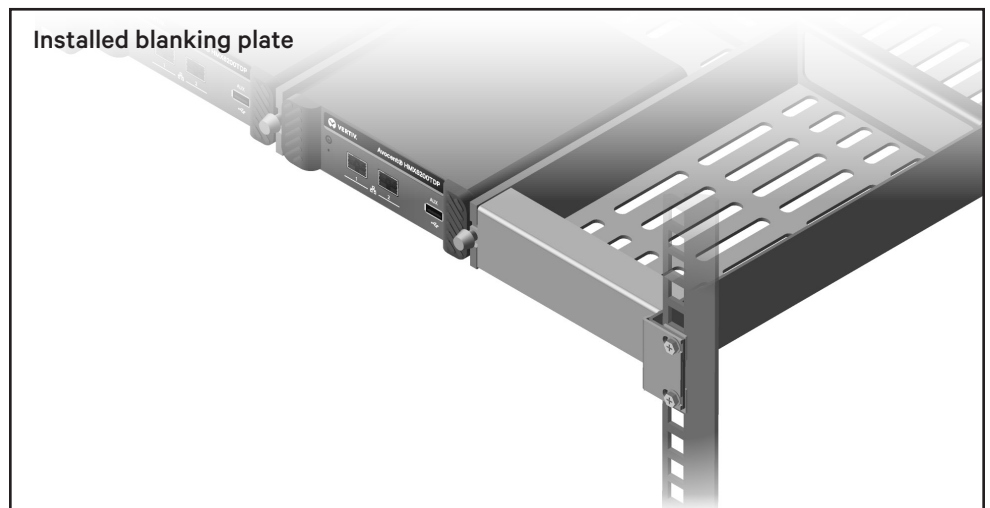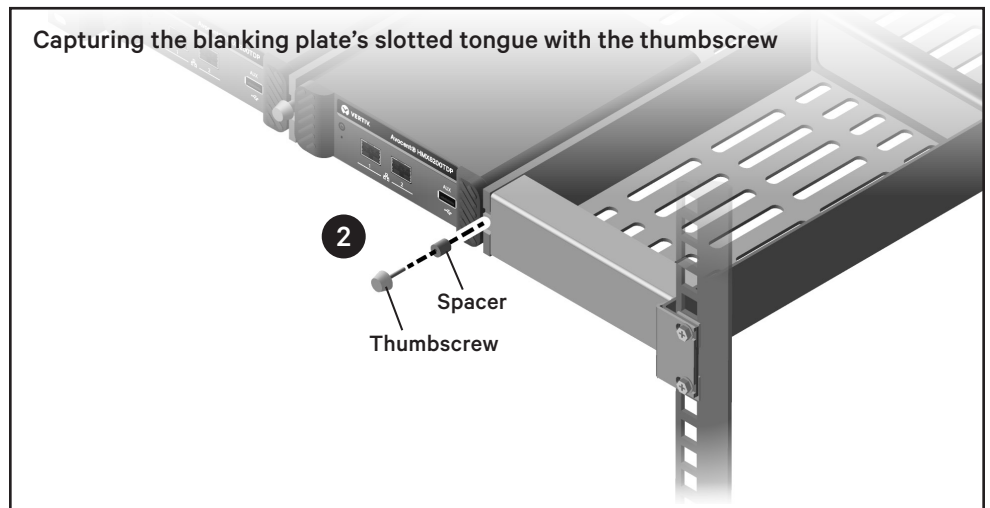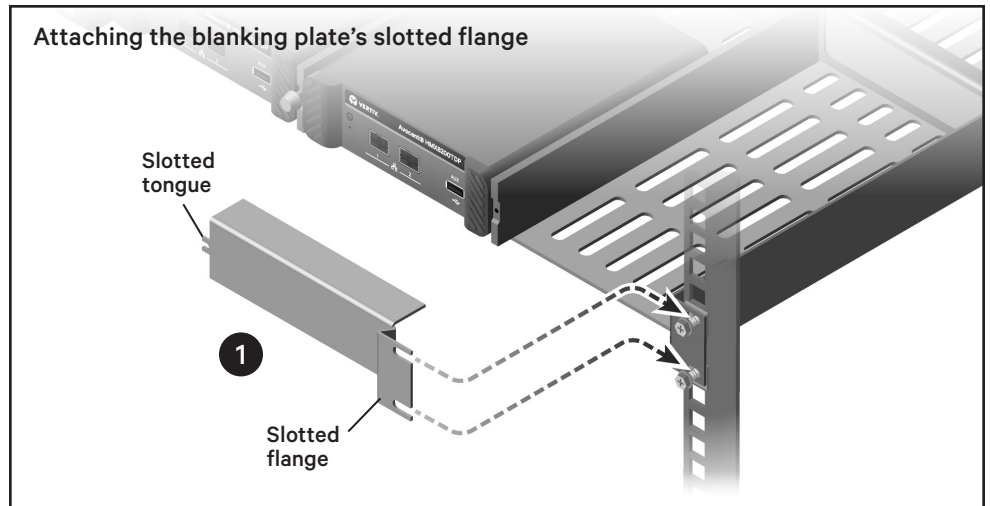
On the opposite end of the blanking plate, be sure the tongue slot is aligned with the hole in the end of the tray divider.

Re-tighten the tray flange screws.

2. Attaching the slotted tongue

Slip the supplied spacer onto the threaded shaft of the thumbscrew. Insert the thumbscrew/spacer through the blanking plate's tongue slot and into the small hole at the end of the tray divider.

While holding the transmitter and the captured blanking plate's slotted tongue in place, gently tighten the thumbscrew so the spacer engages with the inner edge of the HMX transmitter.

Attaching the blanking plate's slotted flange

Slotted tongue

1

Slotted flange

Capturing the blanking plate's slotted tongue with the thumbscrew

2

Spacer

Thumbscrew

Installed blanking plate