

Video Wall Self-Installation Guide

Works24 video players support video walls of 2, 3 and 4 screens. This document explains what Works24 will do as part of this installation, and what you (the client) are responsible for doing.

WORKS24 RESPONSIBILITY

We are responsible for the **delivery and support of the video player.**

Video player: We will provide a **single Works24 video player** for each video wall we are installing. That device connects to AC power, connects to internet via ethernet or Wifi, and has a single HDMI video output. The player will be pre-configured for the number and configuration of screens you have selected. In addition to the player itself, we include: a **6' HDMI cable**, a **6' Cat 5 Cable**, an **AC adapter** (power brick), a **surge protector**, and, if the player does not have mounting flanges built in, a **wall mount for the PC.**

Phone technical support: We are available during business hours (8:30 a.m. to 4 p.m. CST, M-F) to answer questions about the player as needed by you or the installer before or during the installation.

CLIENT RESPONSIBILITY

You will be responsible for the **purchase, installation and support** of the **video wall controller**, the **screens, mounts** and any **video distribution equipment** needed to get the signal from the player to the video wall controller and from the video wall controller to the screens.

Video player connection: Provide a wall plug, ethernet jack or Wifi base station with appropriate signal for the video player at the desired installation location. The Works24 video player requires a **broadband connection** to the internet.

TVs and mounts: Purchase TVs and wall mounts, and install/mount the appropriate number of TV screens in the desired arrangement (selected below).

Example TV Wall Mount: [amazon.com/dp/B00NKYYMAW](https://www.amazon.com/dp/B00NKYYMAW)

Video wall controller: Purchase and install a video wall controller. That device takes the HD output of the Works24 player and expands and stretches the image to fit your desired video wall configuration.

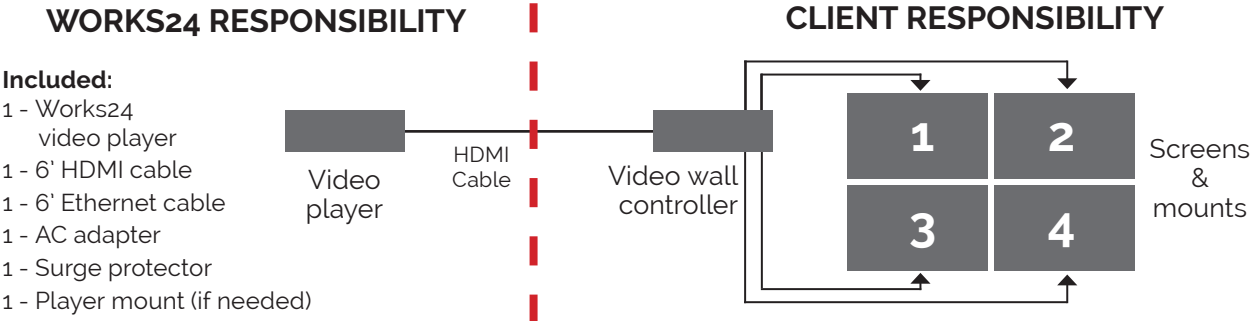
Example Video Wall Controller: [amazon.com/dp/B08K4Z4KSD](https://www.amazon.com/dp/B08K4Z4KSD)

Cabling, extenders and other hardware: Purchase and install all cabling, HDMI over ethernet extenders (if required), and all associated equipment required to deliver the signal from the player to the video wall controller, and then from the video wall controller to the TVs.

Example HDMI over Cat5 Extender: [amazon.com/dp/B00G5RBX2Q](https://www.amazon.com/dp/B00G5RBX2Q)

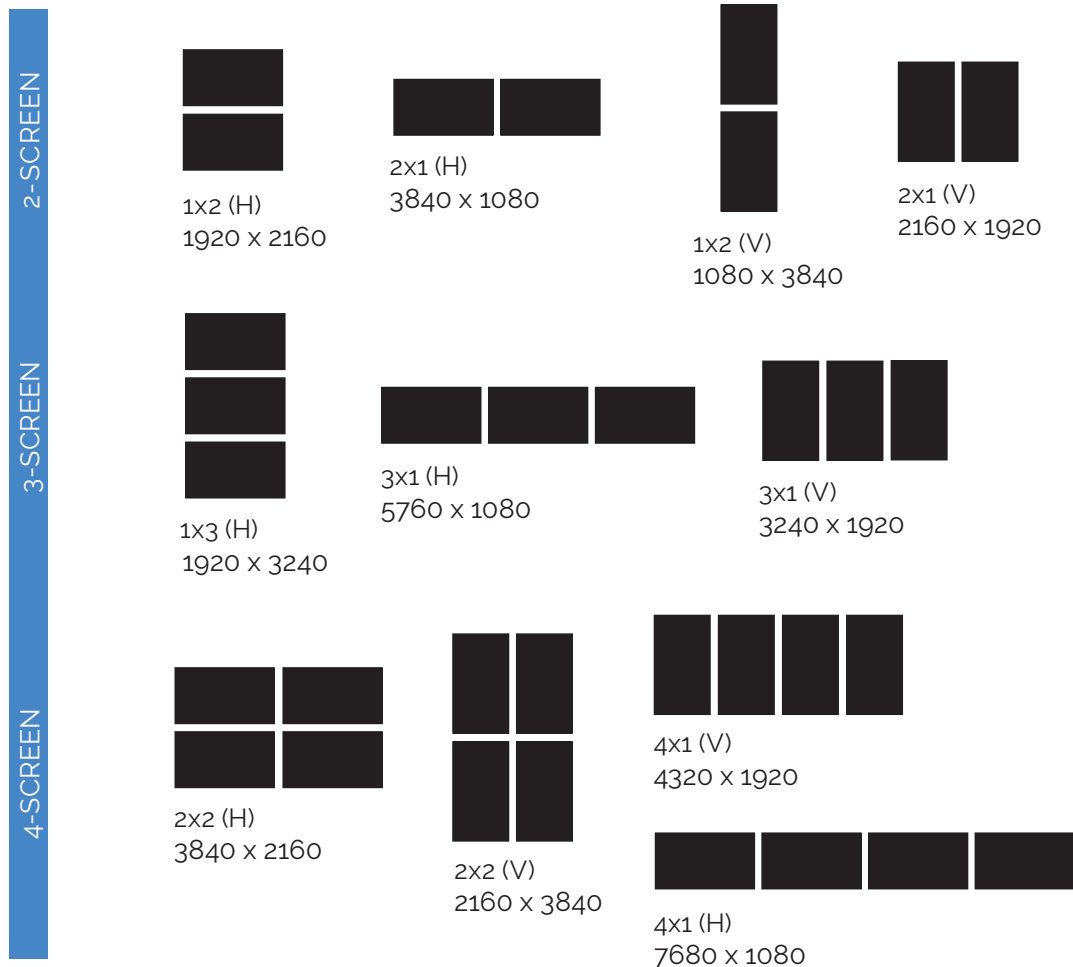
EXAMPLE LAYOUT

The below diagram of a 2x2 (H) layout shows which part of the installation is the responsibility of the client, and which is the responsibility of Works24.



SUPPORTED LAYOUTS

IMPORTANT: Some manufacturers may use different notation when discussing screen configurations. **Please use the notation below** when discussing or specifying your screen type with Works24. **The number of screens across should be first.** (The second number is the number of screens down, and the H or V indicates whether individual screens are hung horizontally or vertically.)



INSTALL TIPS

1. Contract with a professional installer with video wall experience to do this if you do not have expertise in mounting and aligning multiple screens. We help you find an installer if needed.
2. Screens can and do go out occasionally. We strongly recommend purchasing one or two spare screens to have on hand in case of the failure of one screen. Even if the same model of screen is still available, the colors might not be a precise match, especially if you are using consumer-grade screens.
3. Buying consumer screens "off the shelf" is adequate for single screen installations. For multiple screens, we recommend you purchase "professional grade" or "video wall" screens. These screens will have finer color adjustment, are designed to run 24/7, and can usually be color matched for use in this type of application. Additionally, you can purchase screens with small bezels, designed for video walls.

Example TVs: [bhphotovideo.com/c/browse/Multimedia-Displays-Digital-Signage/ci/17761/N/4205668457](https://www.bhphotovideo.com/c/browse/Multimedia-Displays-Digital-Signage/ci/17761/N/4205668457)