

Yealink VCH51 Pro Deployment (Windows Solution)

Introduction

The Yealink VCH51 Pro is designed for effortless usability, deployment, and management. It has the capability to transform meeting rooms equipped with MVC, MeetingBar, or MeetingBoard devices into versatile conference environments compatible with various video conferencing platforms. Connect a USB-C cable to your laptop, launch your preferred video conferencing software, and immerse yourself in a superior meeting experience enhanced by the audio and visual technology of the conference room.

Additionally, when connected to a PD power adapter, the VCH51 Pro can provide power to your PC. Furthermore, it enables seamless content presentation from your PC to a Yealink video conferencing system, providing a stable presentation experience with a maximum resolution of 4K/60fps in select situations.

Before You Begin

- For the VCH51 Pro compatible devices, refer to [Rooms Accessories Compatibility Lists](#).
- The PoE switch must be an unmanaged switch.
- The PoE switch must support 1000Mbps or higher transmission speed.
- Whether it's the initial full deployment or subsequent plugging/unplugging of cameras and AVHub devices in an MCore 4 LAN network environment, a restart of MCore 4 is required.

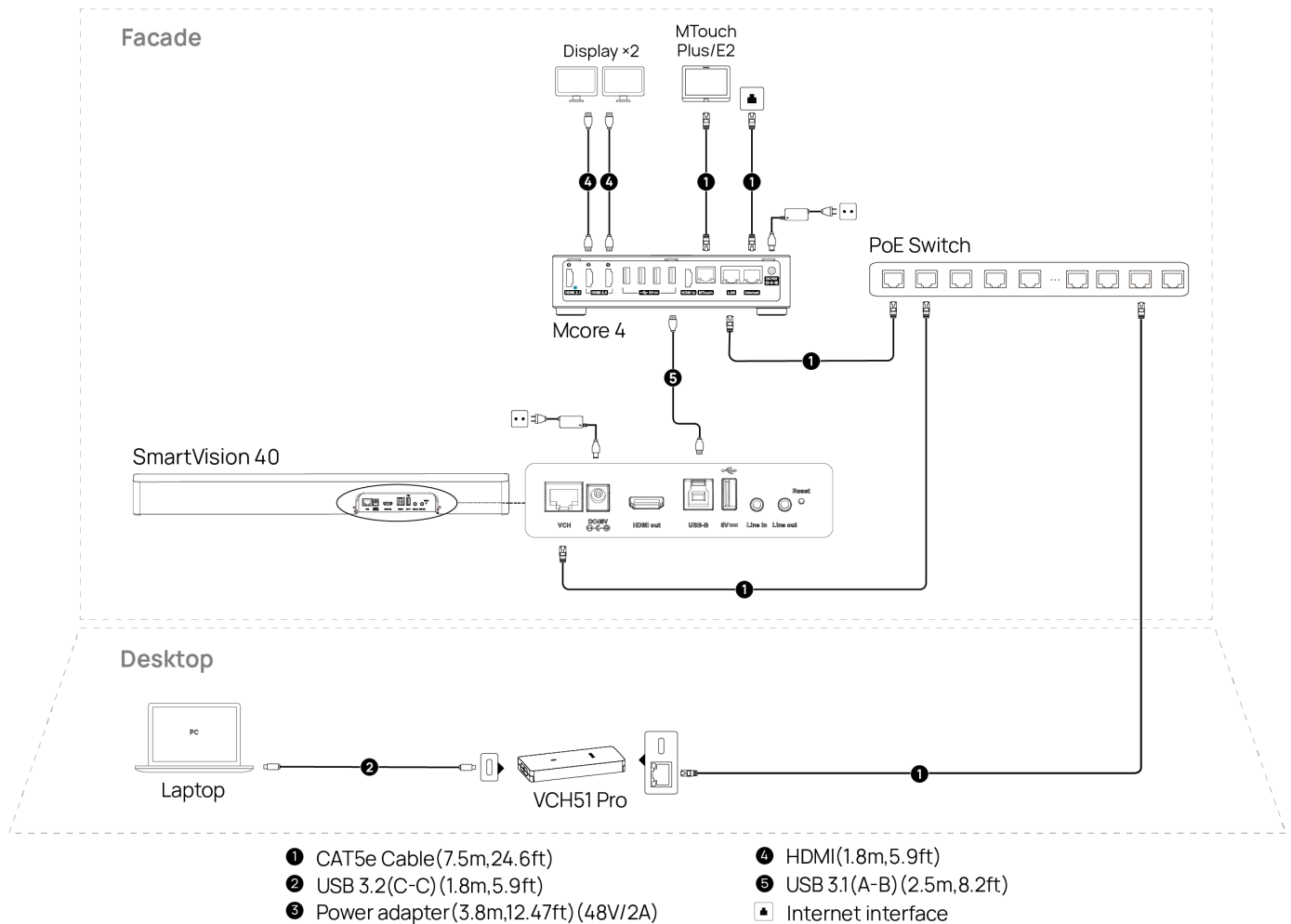
- 💡 To use BYOD, ensure the following settings are enabled:
1. Ensure wired BYOD is enabled on the device. Refer to [Advanced Settings](#).
 2. Select **BYOD meeting** in Teams mode.

Support BYOD and Content Sharing

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- Connect the VCH port of the camera/AVHub, the VCH port of VCH51 Pro, and the LAN port of MCore 4 to the same switch, placing them in the same LAN.
 - Content sharing priority: HDMI in> VCH51 Pro> MTP (including wired and wireless content sharing). Different content sharing methods with different priorities cannot be used simultaneously; the one with the higher priority will take effect. Therefore, wireless content

sharing is not supported in this deployment method.

Single Camera Connection



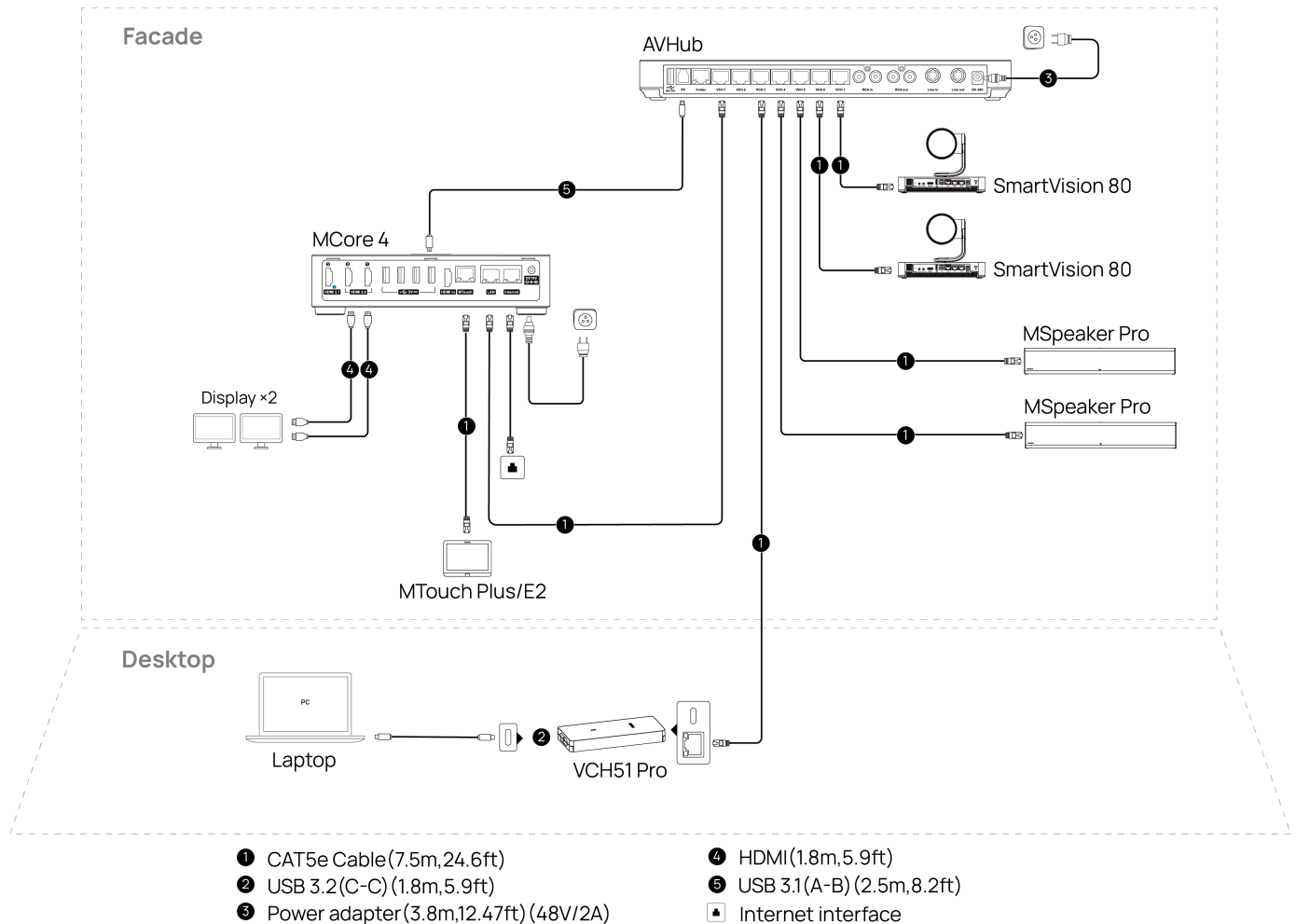
Multi-Camera Connection

When using AVHub, please specify the power of the connected devices and use different connection methods accordingly:

- Device power not exceeding AVHub's rated power: Connect using **Method 1**.
- Device power exceeding AVHub's rated power: A PoE switch is required; connect using **Method 2**.

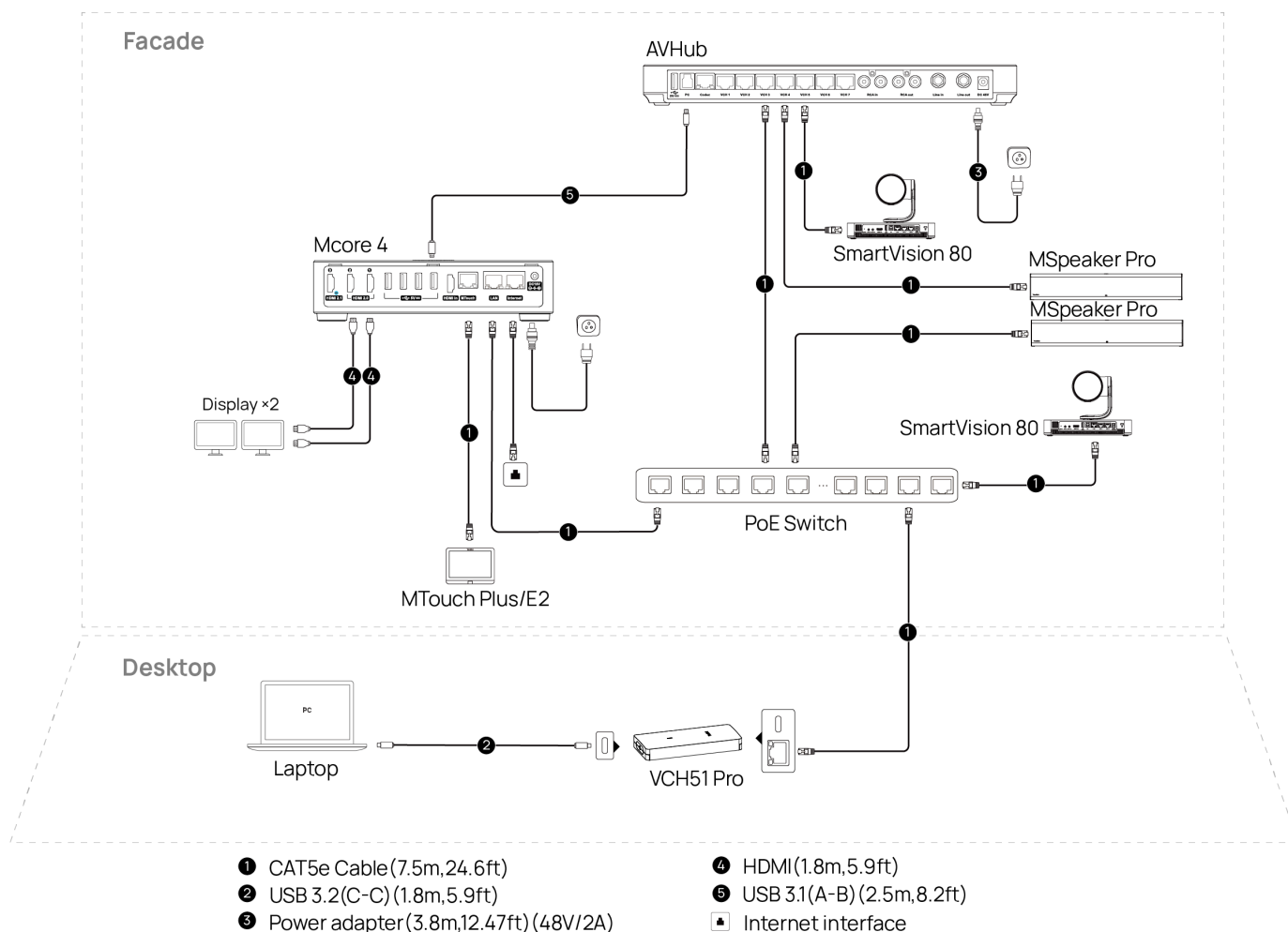
Method1: Via AVHub only

When used with AVHub, you can connect the VCH port of VCH51 Pro and the LAN port of MCore 4 to the VCH port of AVHub.



Method2: Via AVHub & PoE Switch

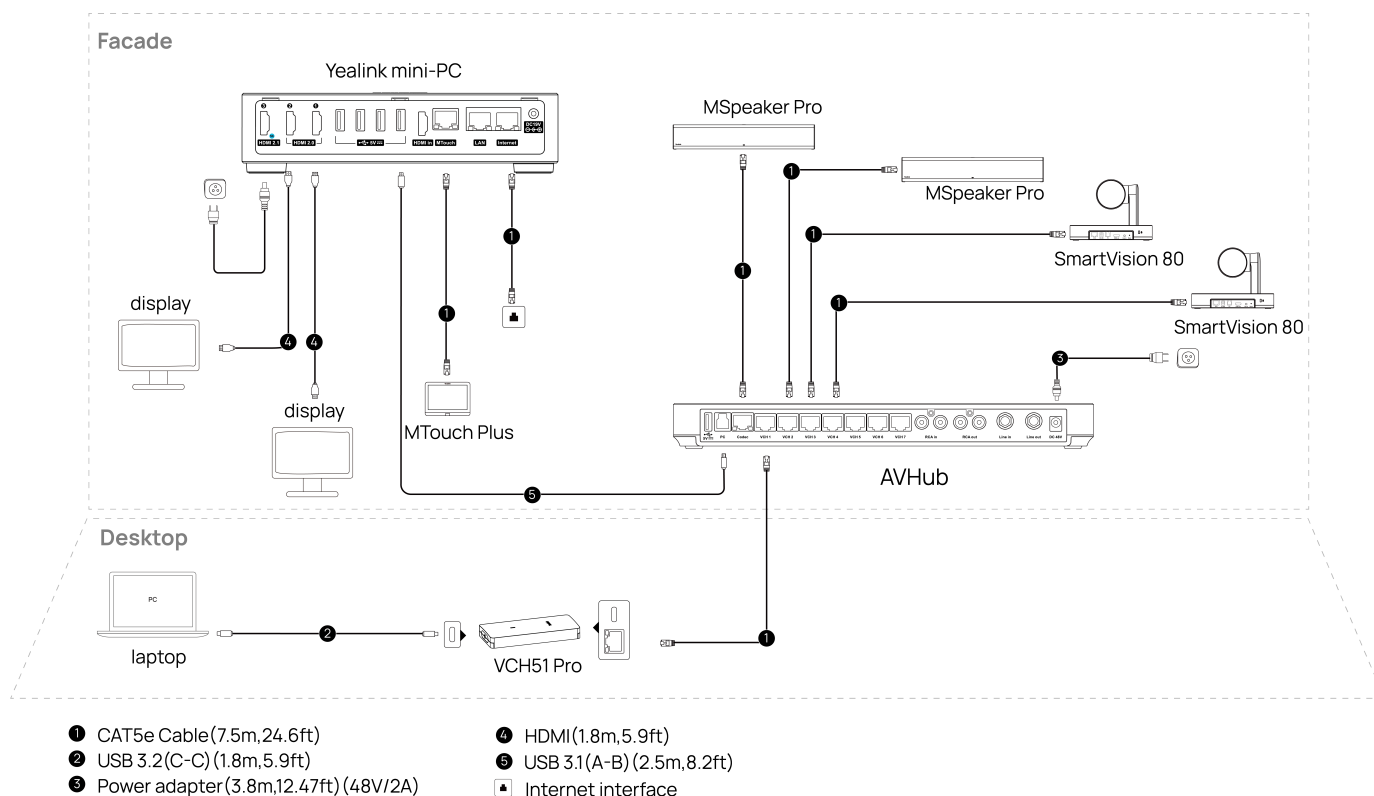
Connect the VCH port of the camera/AVHub, the VCH port of the VCH51 Pro, and the LAN port of the MCore 4 to the same switch.



Support BYOD Only (Exclude Content Sharing)

This connection method does not support content sharing via VCH51 Pro. If needed, you can use a USB (C-C, HDMI) cable to connect the USB-C port (labeled USB-C instead of PD) on the back of the Yealink MTouch Panel to the USB-C or HDMI port of your PC.

! Connect the Ethernet port of VCH51 Pro to the VCH port of the Camera/AVHub.

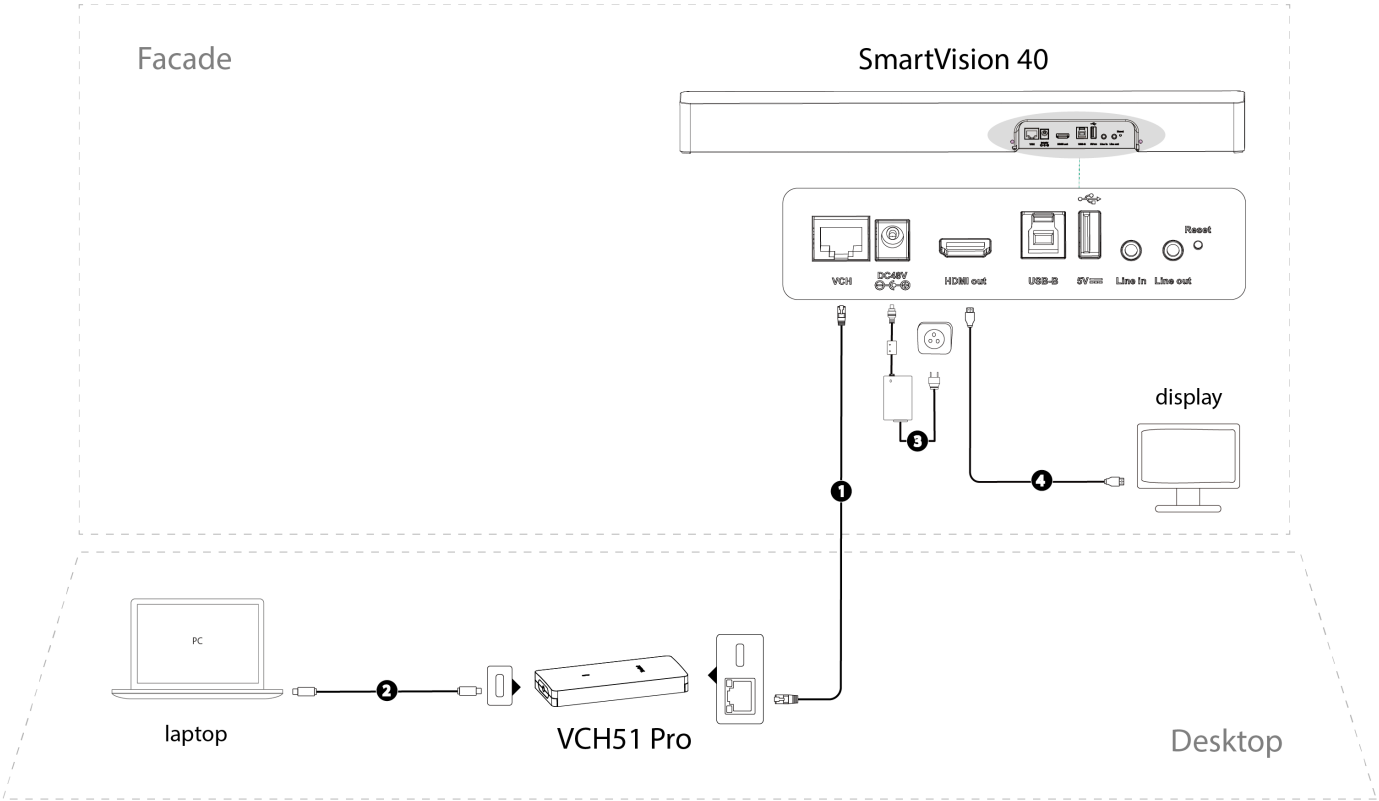


USB-BYOD Connection Method

Before You Begin

- Ensure that Wired BYOD and Stand-alone usage mode are enabled in Yealink RoomConnect. Refer to [Advanced Settings](#).
- If using SmartVision 40, you need to turn off the network in your SmartVision 40's network settings.
- If using SmartVision 40, you need to set the HDMI Out of the SmartVision 40 to BYOD mode and manually adjust the resolution limit of the HDMI output to ensure proper TV display. Refer to [HDMI Out](#).

Support BYOD and Content Sharing



- 1 CAT5e Cable(7.5m,24.6ft)
- 2 USB 3.2(C-C)(1.8m,5.9ft)
- 3 Power adapter(3.8m,12.47ft)(48V/2A)
- 4 HDMI(1.8m,5.9ft)
- Internet interface

LED Indicator

LED	Status	Description
Green Light	Always Bright	Normal Connection
Red Light	Always Bright	Disconnected
Orange Light	Flash	Software Upgrading