Room Kit Plus and Inogeni 4KX-PLUS
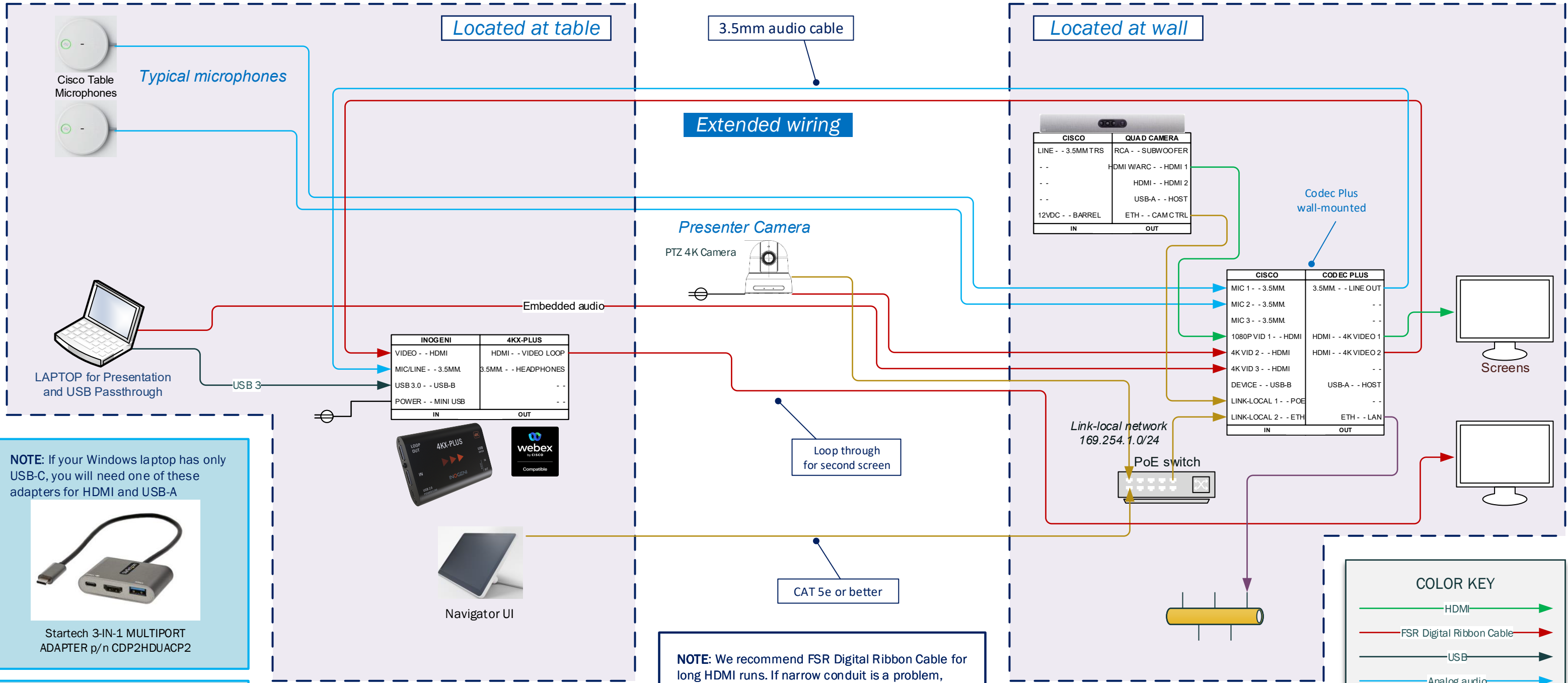For USB Passthrough – *with Inogeni at table*
Line drawing

4KX-PLUS INSTALLATION
THE ADVANTAGE TO PLACING THE INOGENI AT THE TABLE is twofold:
1) it is not necessary to extend USB
2) If more than one computer is used for USB Passthrough, the Lightware or other switcher can also be at the table, simplifying wiring.

Located at table

3.5mm audio cable

Located at wall

Cisco Table Microphones

Typical microphones

Extended wiring

Presenter Camera

PTZ 4K Camera

Embedded audio

Codec Plus wall-mounted

CISCO		QUAD CAMERA	
LINE - - 3.5MM TRS		RCA - - SUBWOOFER	
- -		HDMI W/ARC - - HDMI 1	
- -		HDMI - - HDMI 2	
- -		USB-A - - HOST	
12VDC - - BARREL		ETH - - CAM CTRL	
IN		**OUT**	

CISCO		CODEC PLUS	
MIC 1 - - 3.5MM.		3.5MM - - LINE OUT	
MIC 2 - - 3.5MM.		- -	
MIC 3 - - 3.5MM.		- -	
1080P VID 1 - - HDMI		HDMI - - 4K VIDEO 1	
4K VID 2 - - HDMI		HDMI - - 4K VIDEO 2	
4K VID 3 - - HDMI		- -	
DEVICE - - USB-B		USB-A - - HOST	
LINK-LOCAL 1 - - POE		- -	
LINK-LOCAL 2 - - ETH		ETH - - LAN	
IN		**OUT**	

INOGENI	4KX-PLUS
VIDEO - - HDMI	HDMI - - VIDEO LOOP
MIC/LINE - - 3.5MM.	3.5MM. - - HEADPHONES
USB 3.0 - - USB-B	- -
POWER - - MINI USB	- -
IN	**OUT**

LAPTOP for Presentation and USB Passthrough

USB 3

Screens

Link-local network 169.254.1.0/24

PoE switch

Loop through for second screen

Navigator UI

CAT 5e or better

NOTE: If your Windows laptop has only USB-C, you will need one of these adapters for HDMI and USB-A

Startech 3-IN-1 MULTIPORT ADAPTER p/n CDP2HDUACP2

NOTE: MacBook users – you are accustomed to dongles ☺ One that will work is the Apple USB-C Digital AV Multiport Adapter

NOTE: We recommend FSR Digital Ribbon Cable for long HDMI runs. If narrow conduit is a problem, then traditional UTP extenders can be used.

FSR Digital Ribbon Cable or UTP extenders

COLOR KEY
HDMI
FSR Digital Ribbon Cable
USB
Analog audio
Link-local
LAN

TITLE	Room Kit Plus Inogeni 4KX-PLUS
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