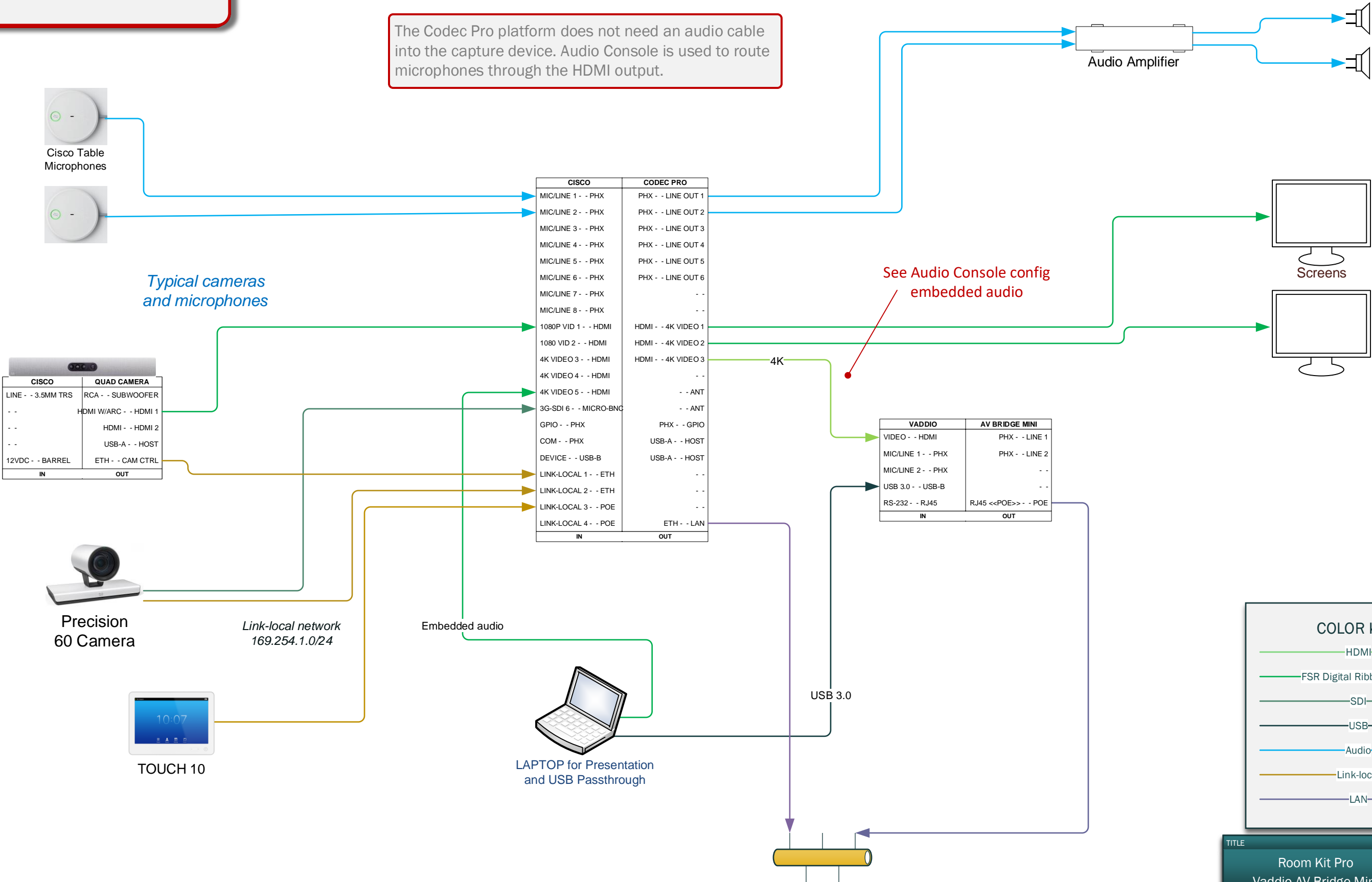


Room Kit Pro and Vaddio AV Bridge Mini
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.

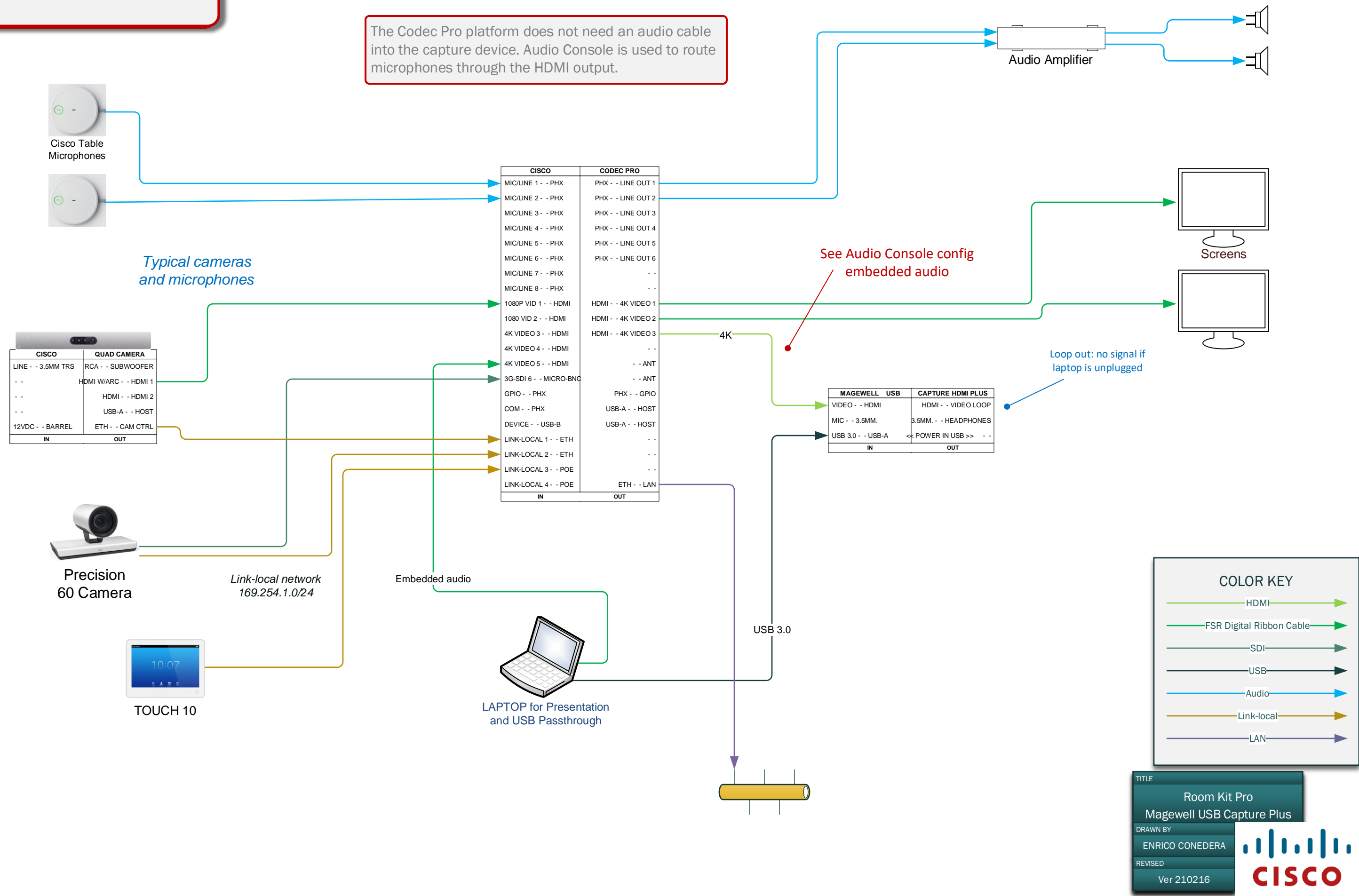


COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- SDI
- USB
- Audio
- Link-local
- LAN

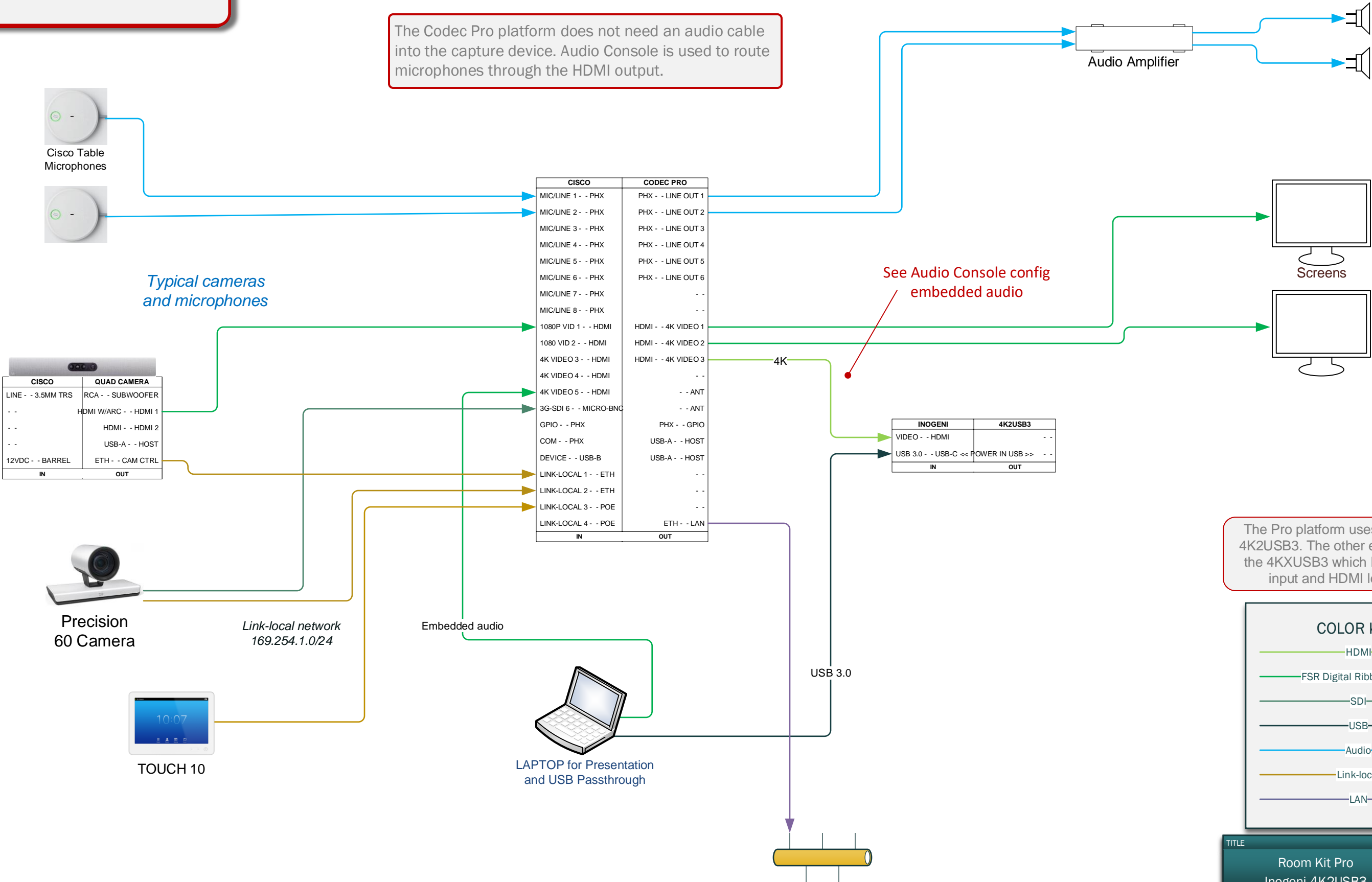
Room Kit Pro and Magewell USB Capture Plus
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.



Room Kit Pro and Inogeni 4K2USB3
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.

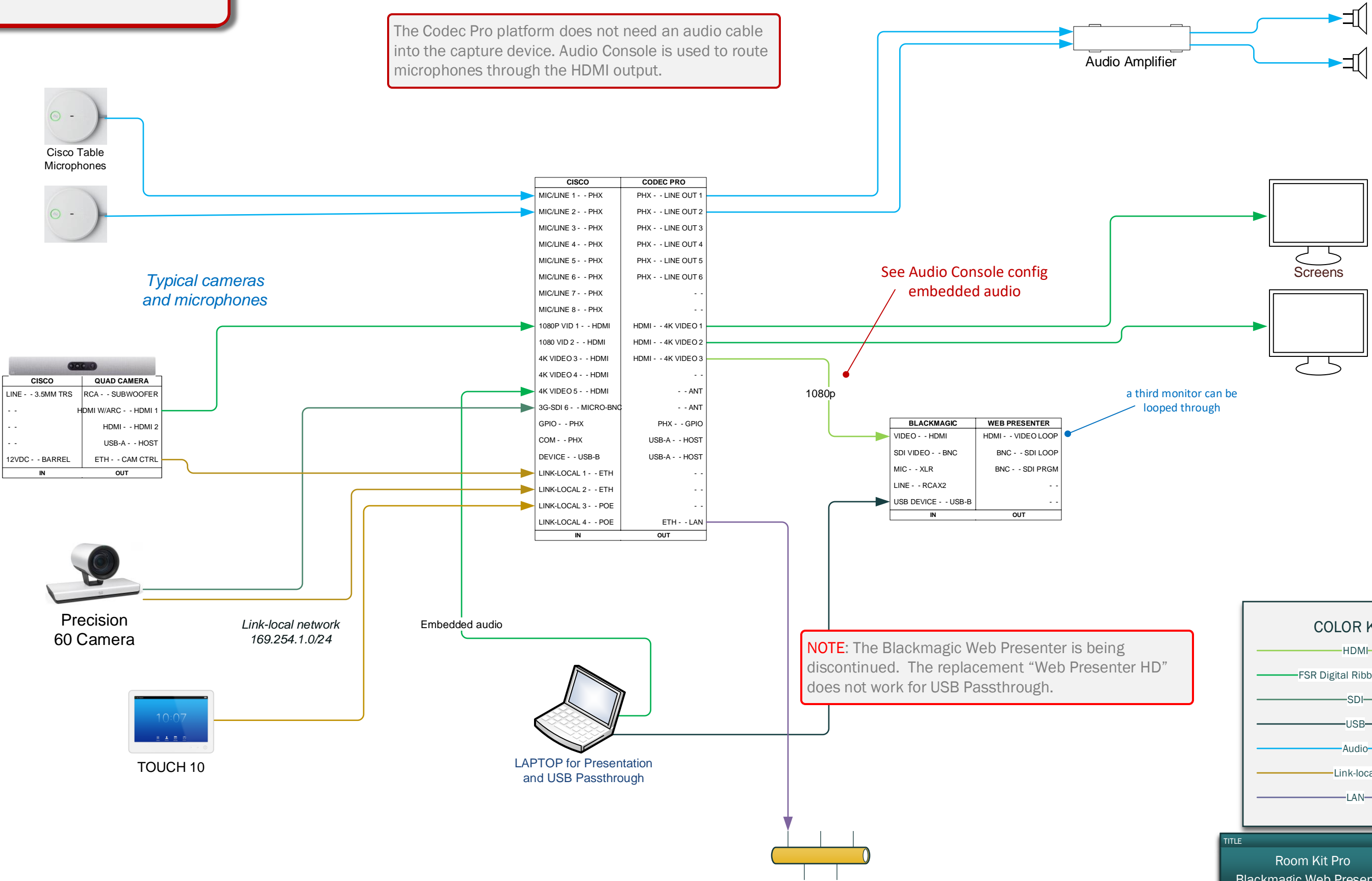


The Pro platform uses the Inogeni 4K2USB3. The other endpoints use the 4KXUSB3 which has an audio input and HDMI loop thru.

COLOR KEY	
	HDMI
	FSR Digital Ribbon Cable
	SDI
	USB
	Audio
	Link-local
	LAN

Room Kit Pro and Blackmagic Web Presenter
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.



See Audio Console config
embedded audio

a third monitor can be
looped through

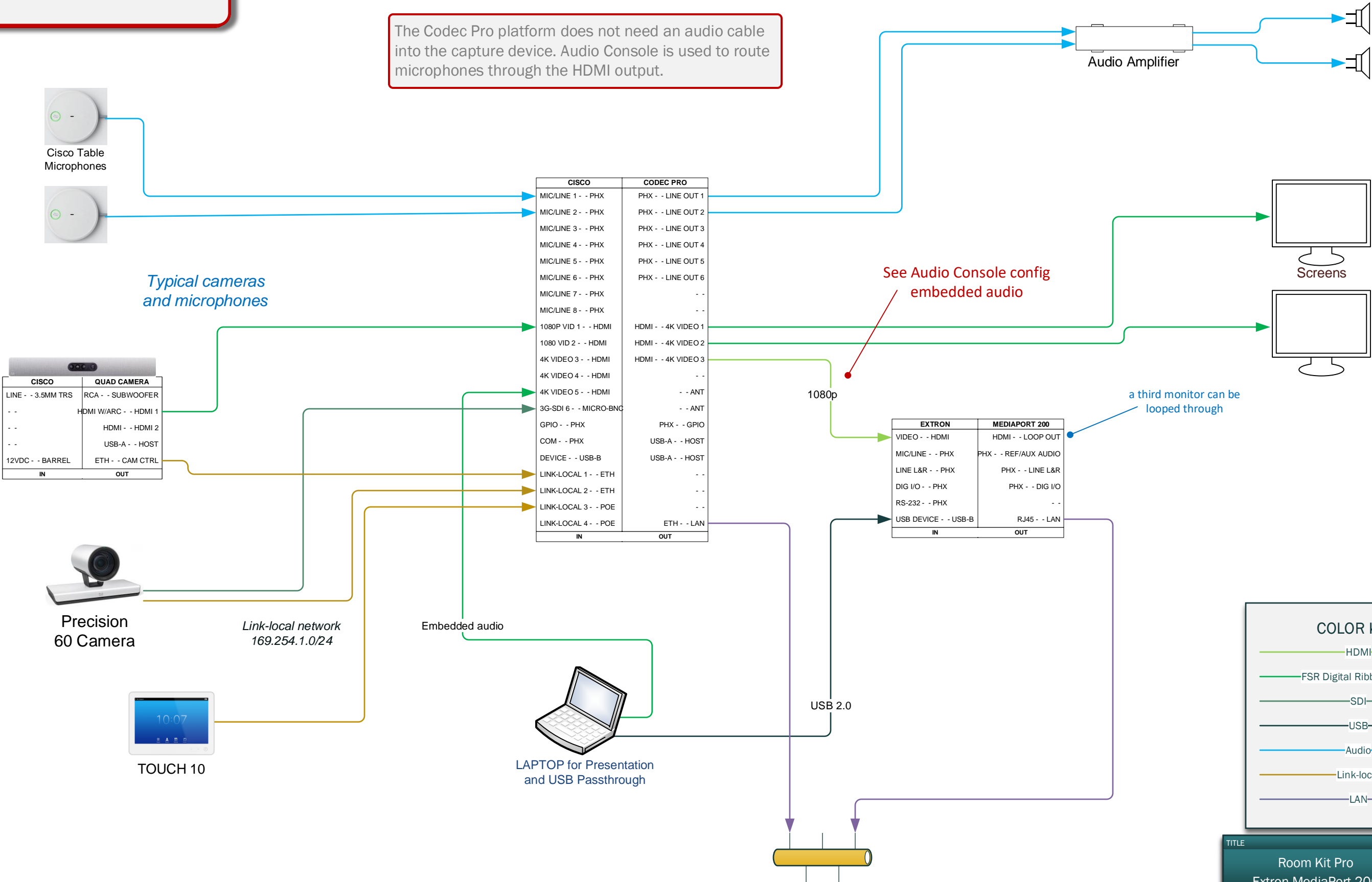
NOTE: The Blackmagic Web Presenter is being discontinued. The replacement “Web Presenter HD” does not work for USB Passthrough.

COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- SDI
- USB
- Audio
- Link-local
- LAN

Room Kit Pro and Extron MediaPort 200
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.

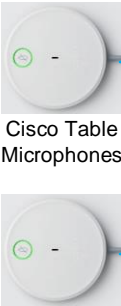


COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- SDI
- USB
- Audio
- Link-local
- LAN

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.

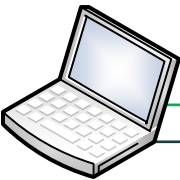
Typical
microphones



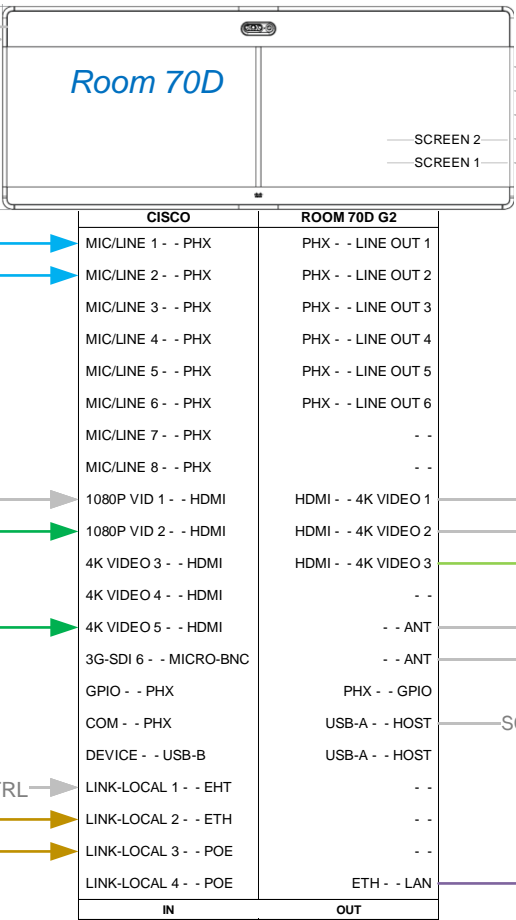
Precision
60 Camera



TOUCH 10

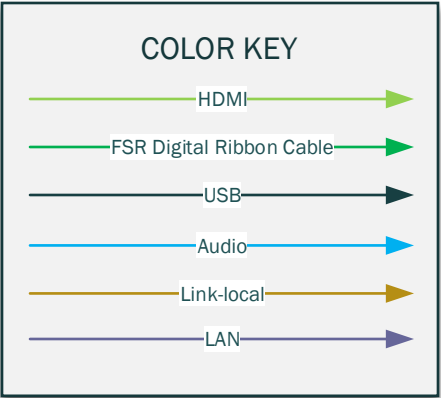


LAPTOP for Presentation
and USB Passthrough



See Audio Console config
embedded audio

VADDIO	AV BRIDGE MINI
VIDEO - - HDMI	PHX - - LINE 1
MIC/LINE 1 - - PHX	PHX - - LINE 2
MIC/LINE 2 - - PHX	- -
USB 3.0 - - USB-B	- -
RS-232 - - RJ45	RJ45 <<POE>> - - POE
IN	OUT



Room 70 G2 Dual and Magewell USB Capture Plus
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.

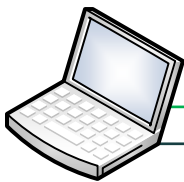
Typical
microphones



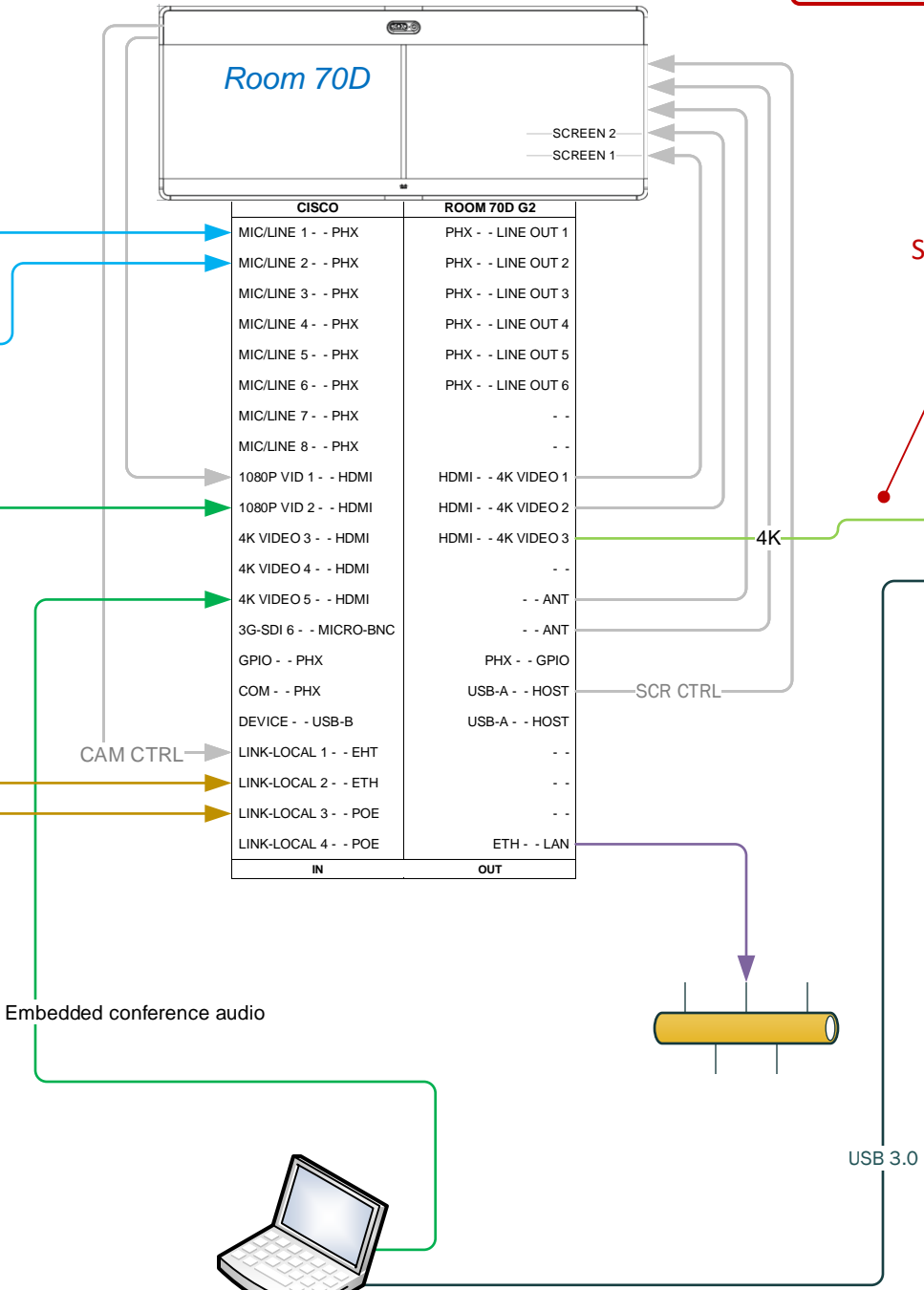
Precision
60 Camera



TOUCH 10



LAPTOP for Presentation
and USB Passthrough



See Audio Console config
embedded audio

Loop out: no signal if
laptop is unplugged

MAGEWELL	USB	CAPTURE HDMI PLUS
VIDEO - - HDMI		HDMI - - VIDEO LOOP
MIC - - 3.5MM.		3.5MM. - - HEADPHONES
USB 3.0 - - USB-A	<< POWER IN USB >>	- -
IN		OUT

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

TITLE

Room 70 Dual
Magewell USB Capture Plus

DRAWN BY

ENRICO CONEDERA

REVISED

Ver 210216



Room 70 G2 Dual and Inogeni 4K2USB3
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.

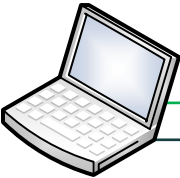
Typical
microphones



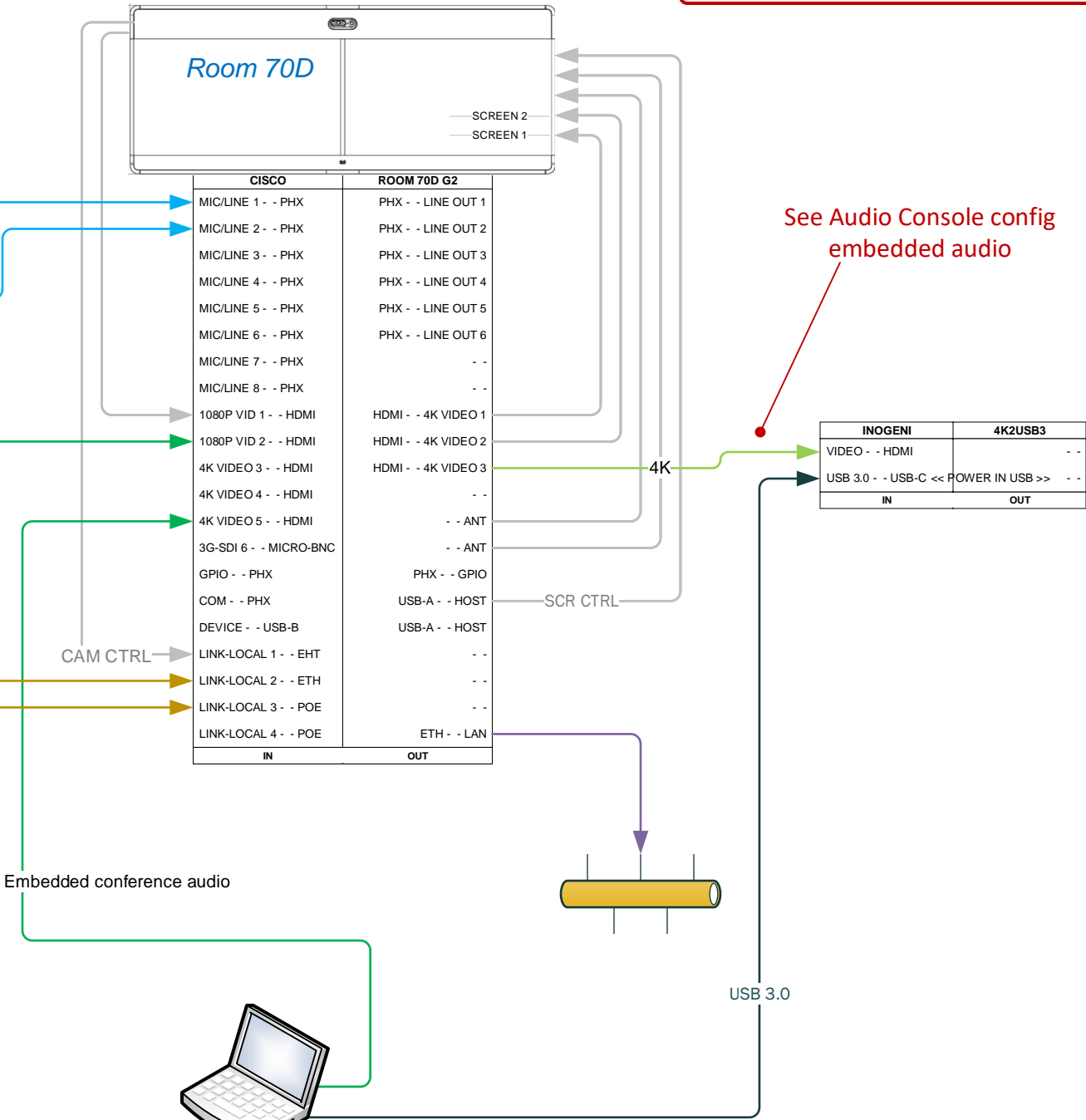
Precision
60 Camera



TOUCH 10



LAPTOP for Presentation
and USB Passthrough



See Audio Console config
embedded audio

The Pro platform uses the Inogeni 4K2USB3. The other endpoints use the 4KXUSB3 which has an audio input and HDMI loop thru.

COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- USB
- Audio
- Link-local
- LAN

Room 70 G2 Dual and Blackmagic Web Presenter
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.

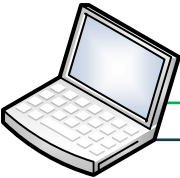
Typical
microphones



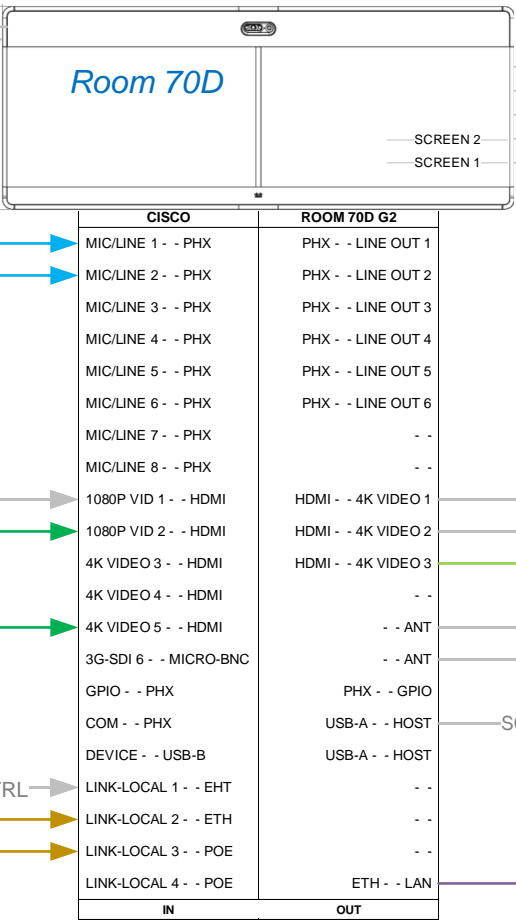
Precision
60 Camera



TOUCH 10



LAPTOP for Presentation
and USB Passthrough

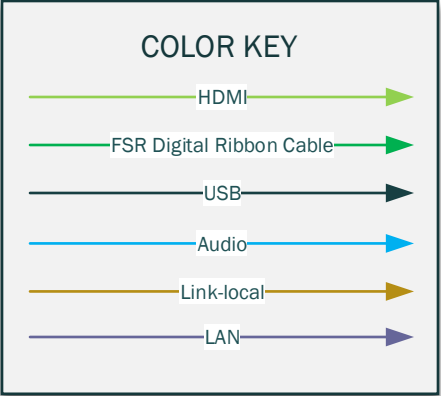


See Audio Console config
embedded audio

a third monitor can be
looped through

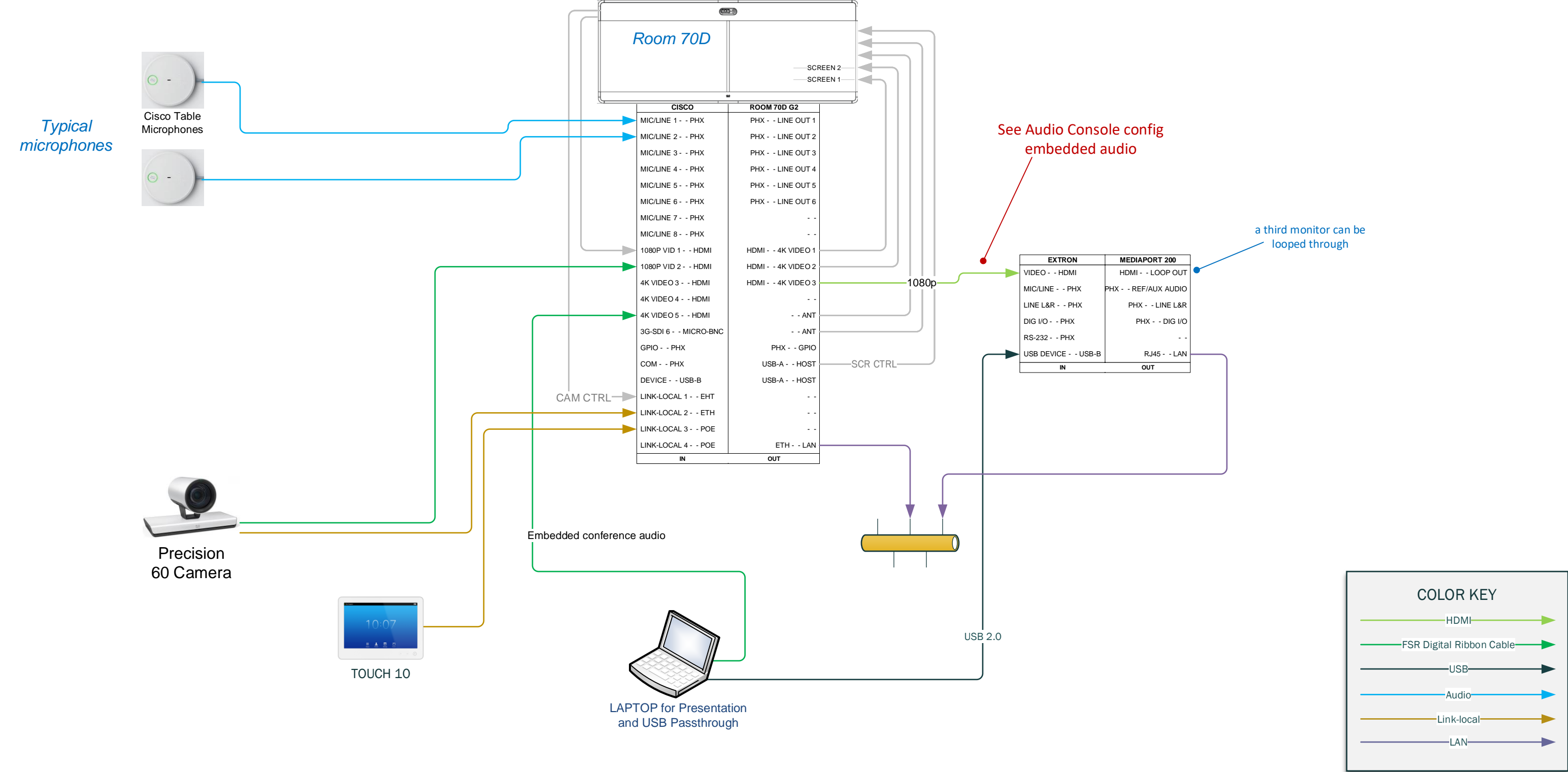
BLACKMAGIC	WEB PRESENTER
VIDEO - - HDMI	HDMI - - VIDEO LOOP
SDI VIDEO - - BNC	BNC - - SDI LOOP
MIC - - XLR	BNC - - SDI PRGM
LINE - - RCAX2	- -
USB DEVICE - - USB-B	- -
IN	OUT

NOTE: The Blackmagic Web Presenter is being discontinued. The replacement "Web Presenter HD" does not work for USB Passthrough.



Room 70 G2 Dual and Extron Mediaport 200
For USB Passthrough
Line drawing

The Codec Pro platform does not need an audio cable into the capture device. Audio Console is used to route microphones through the HDMI output.



TITLE

Room 70 Dual
Extron Mediaport 200

DRAWN BY

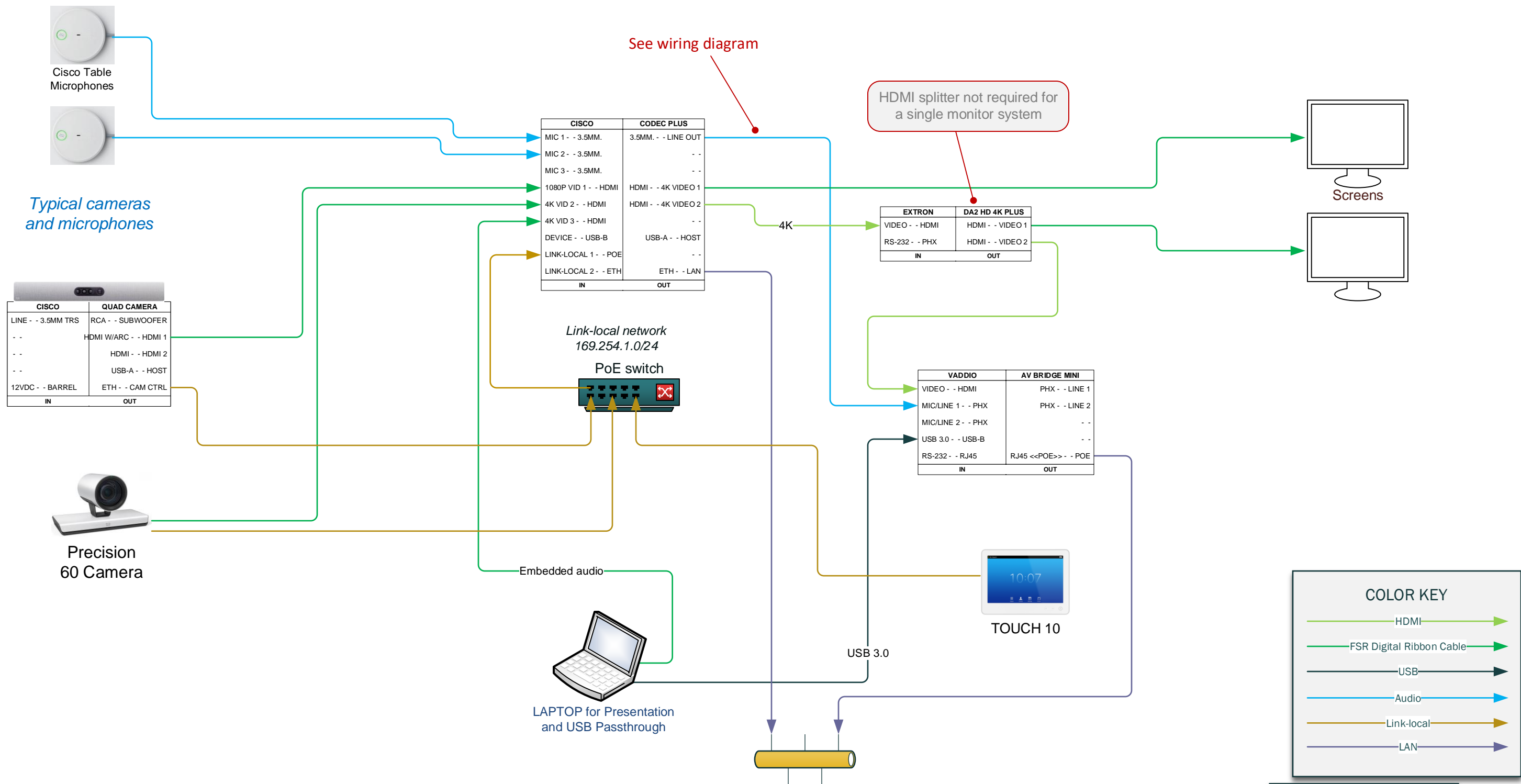
ENRICO CONEDERA

REVISED

Ver 210217

CISCO

Room Kit Plus and Vaddio AV Bridge Mini
For USB Passthrough
Line drawing

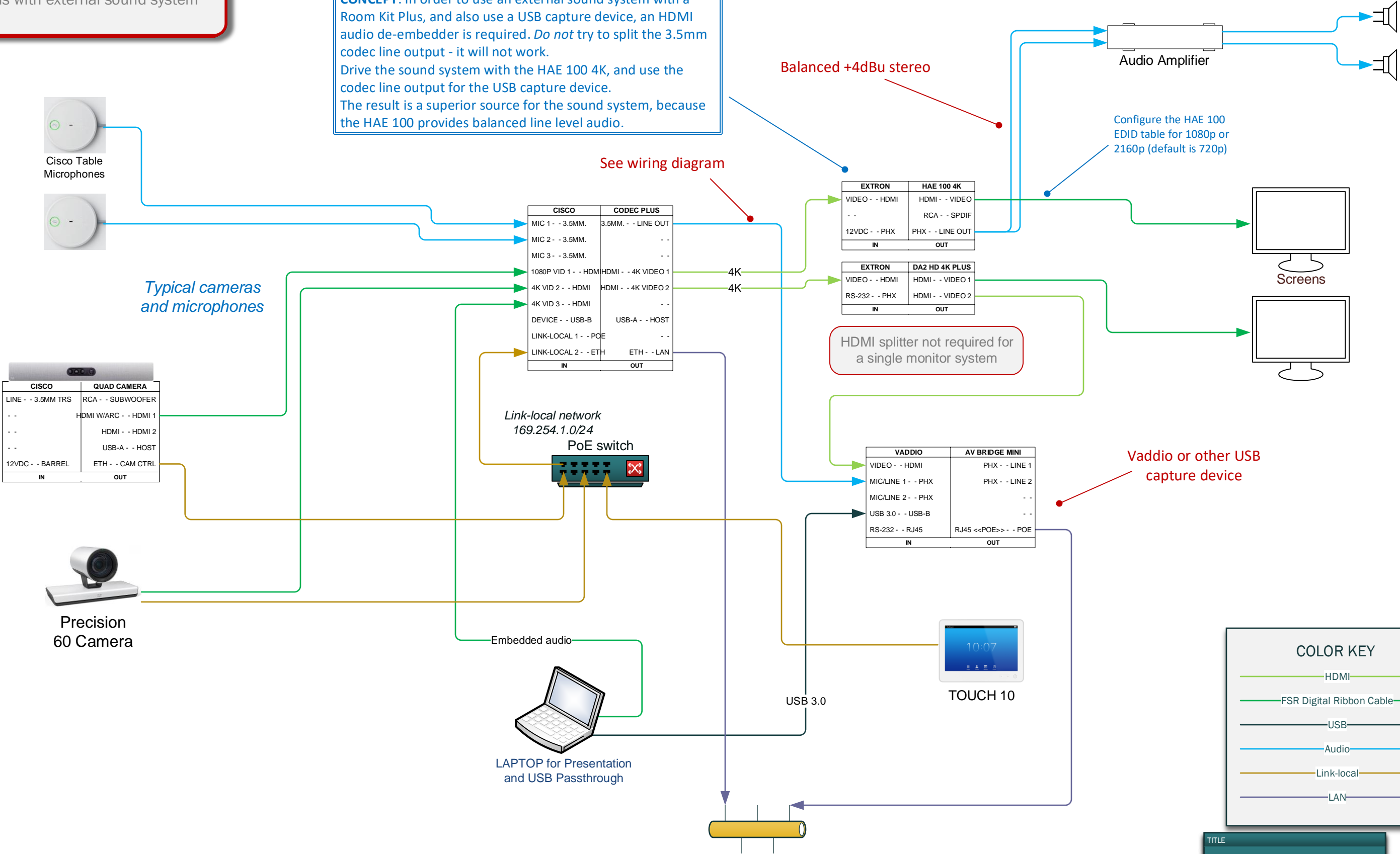


Room Kit Plus and USB Capture Device

Using Codec Plus with external sound system

Line drawing

CONCEPT: In order to use an external sound system with a Room Kit Plus, and also use a USB capture device, an HDMI audio de-embedder is required. *Do not* try to split the 3.5mm codec line output - it will not work. Drive the sound system with the HAE 100 4K, and use the codec line output for the USB capture device. The result is a superior source for the sound system, because the HAE 100 provides balanced line level audio.



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

TITLE

Room Kit Plus – External Sound System – USB Capture

DRAWN BY

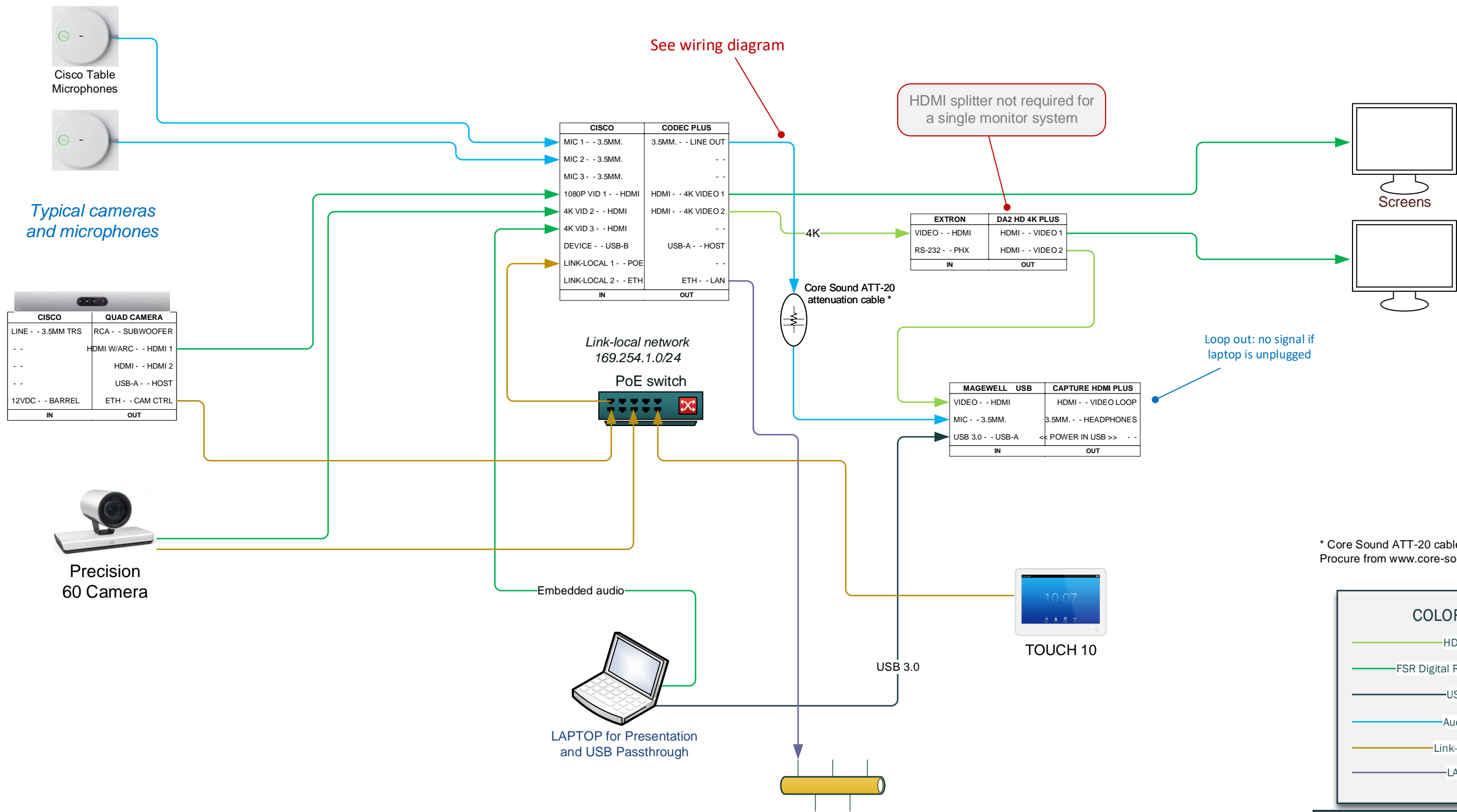
ENRICO CONEDERA

REVISED

Ver 210220



Room Kit Plus and Magewell USB Capture Plus
For USB Passthrough
Line drawing



* Core Sound ATT-20 cable
Procure from www.core-sound.com

TITLE

Room Kit Plus
Magewell USB Capture Plus

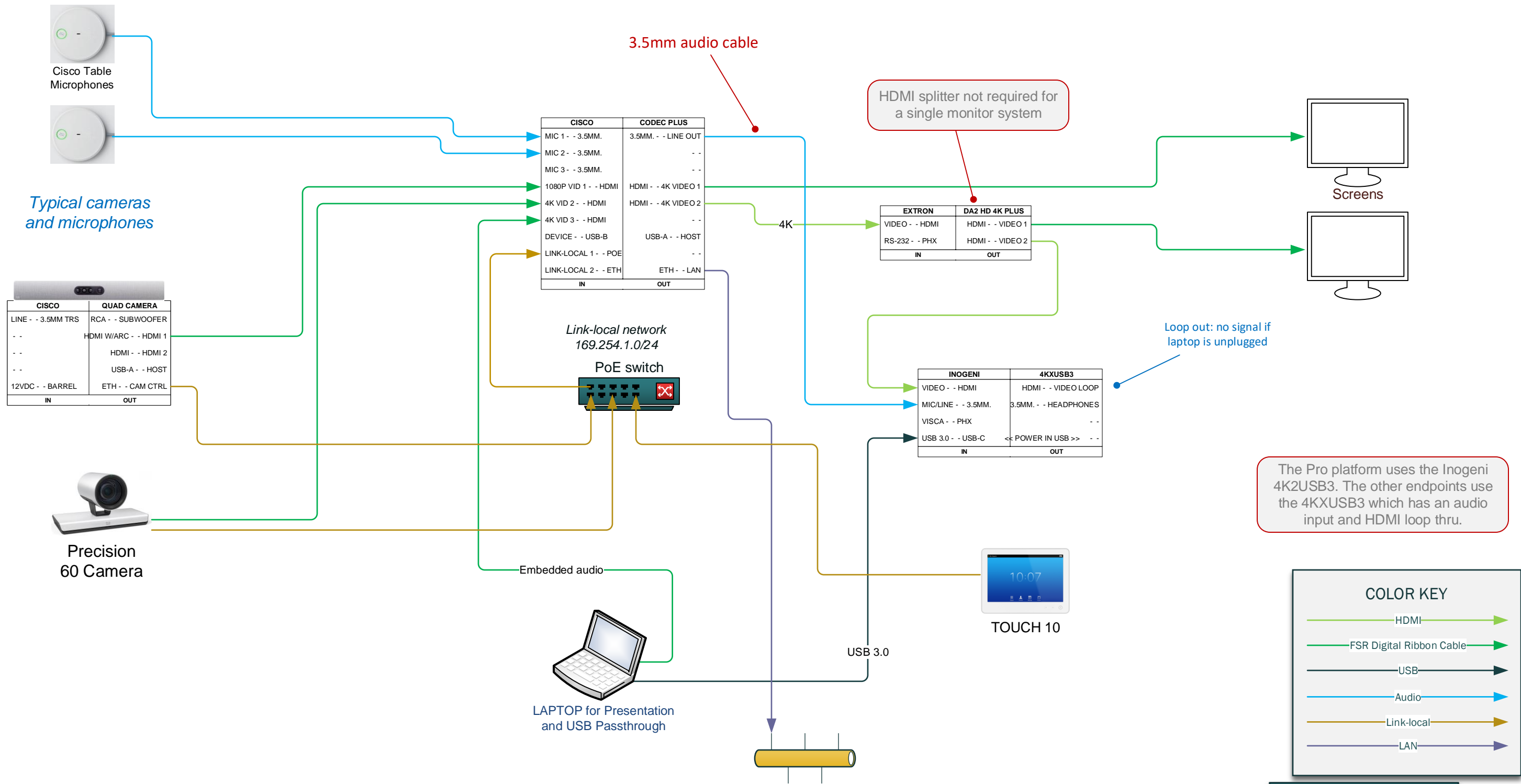
DRAWN BY

ENRICO CONEDERA

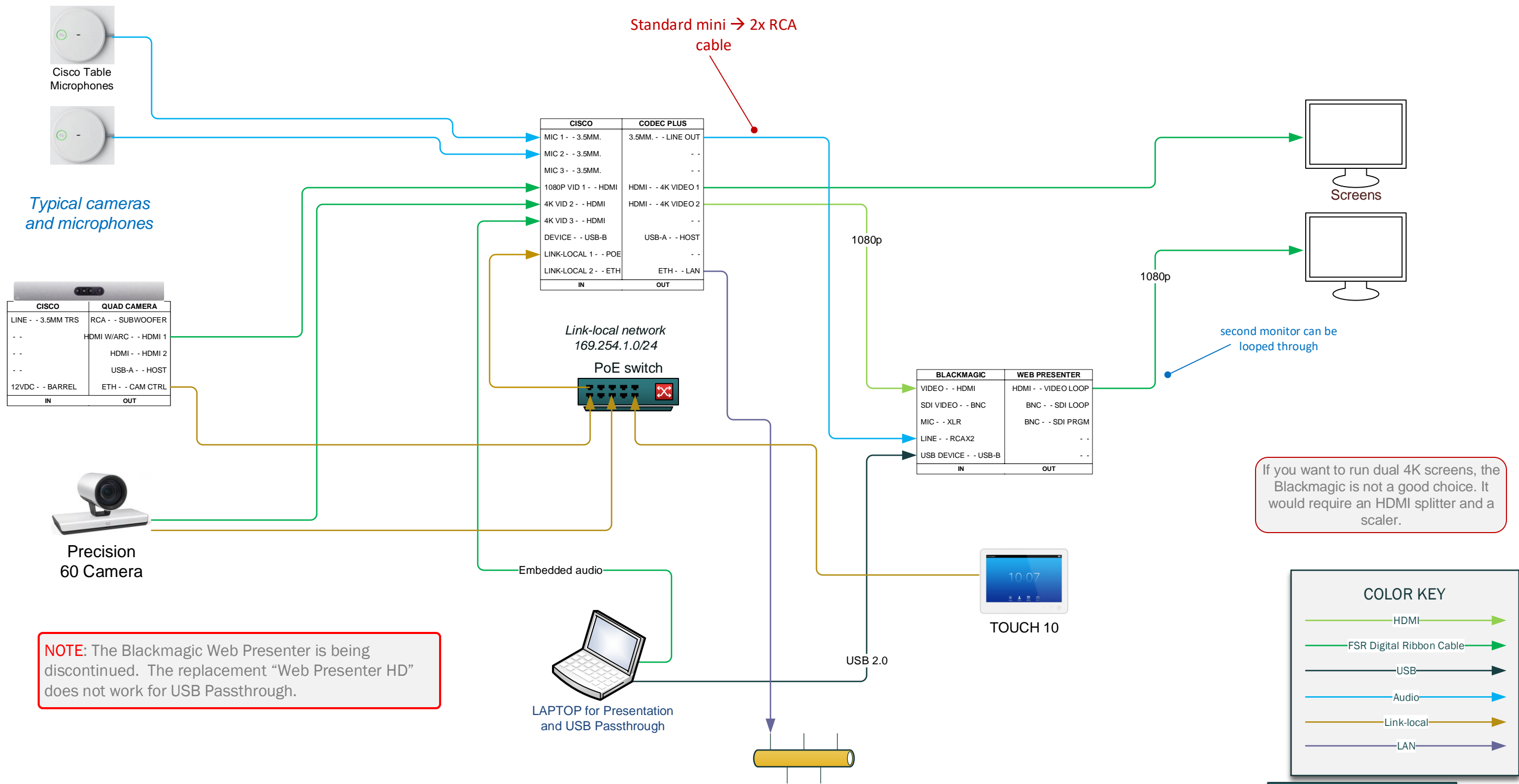
REVISED

Ver 210216

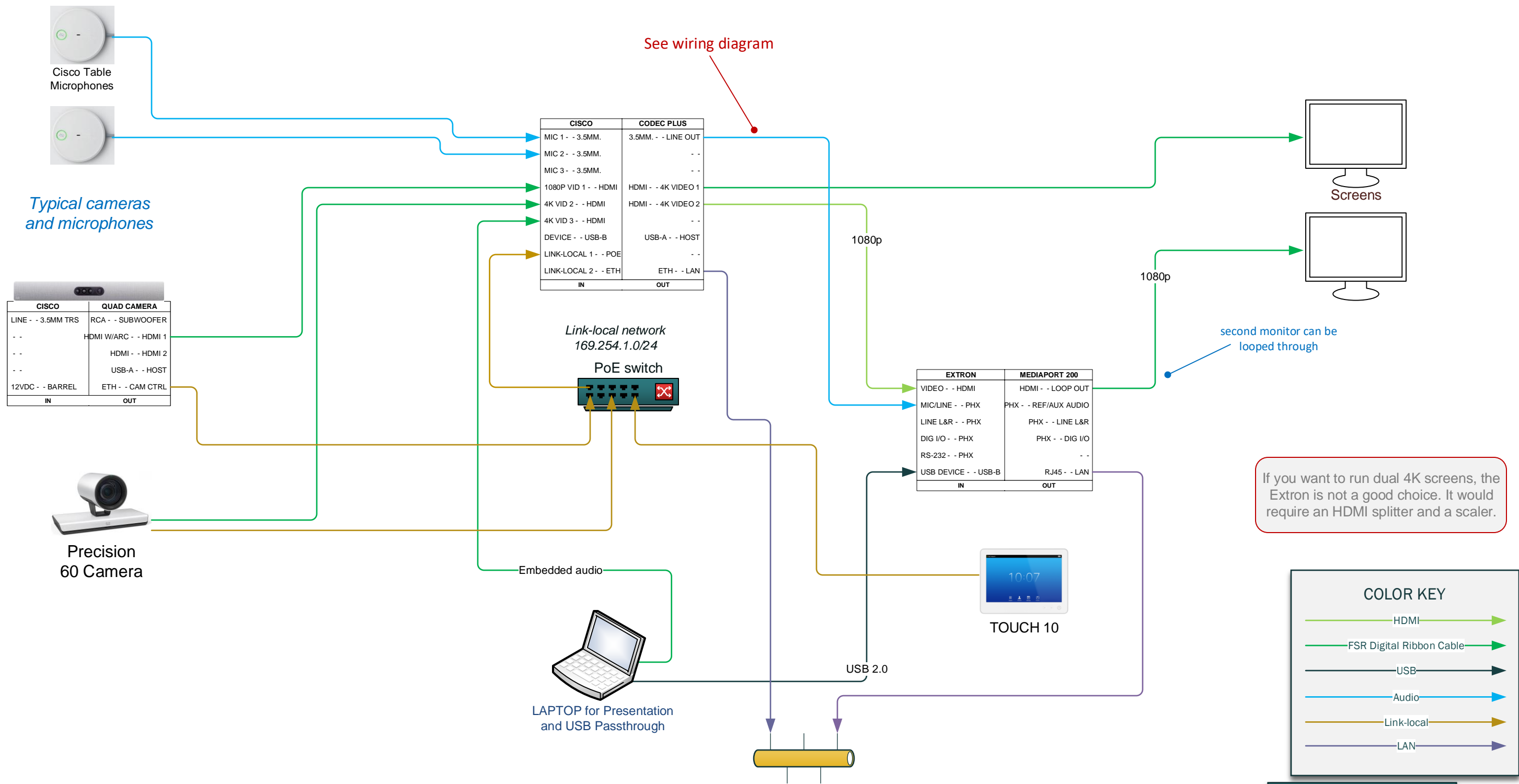
Room Kit Plus and Inogeni 4KXUSB3
For USB Passthrough
Line drawing



Room Kit Plus and Blackmagic Web Presenter
For USB Passthrough
Line drawing

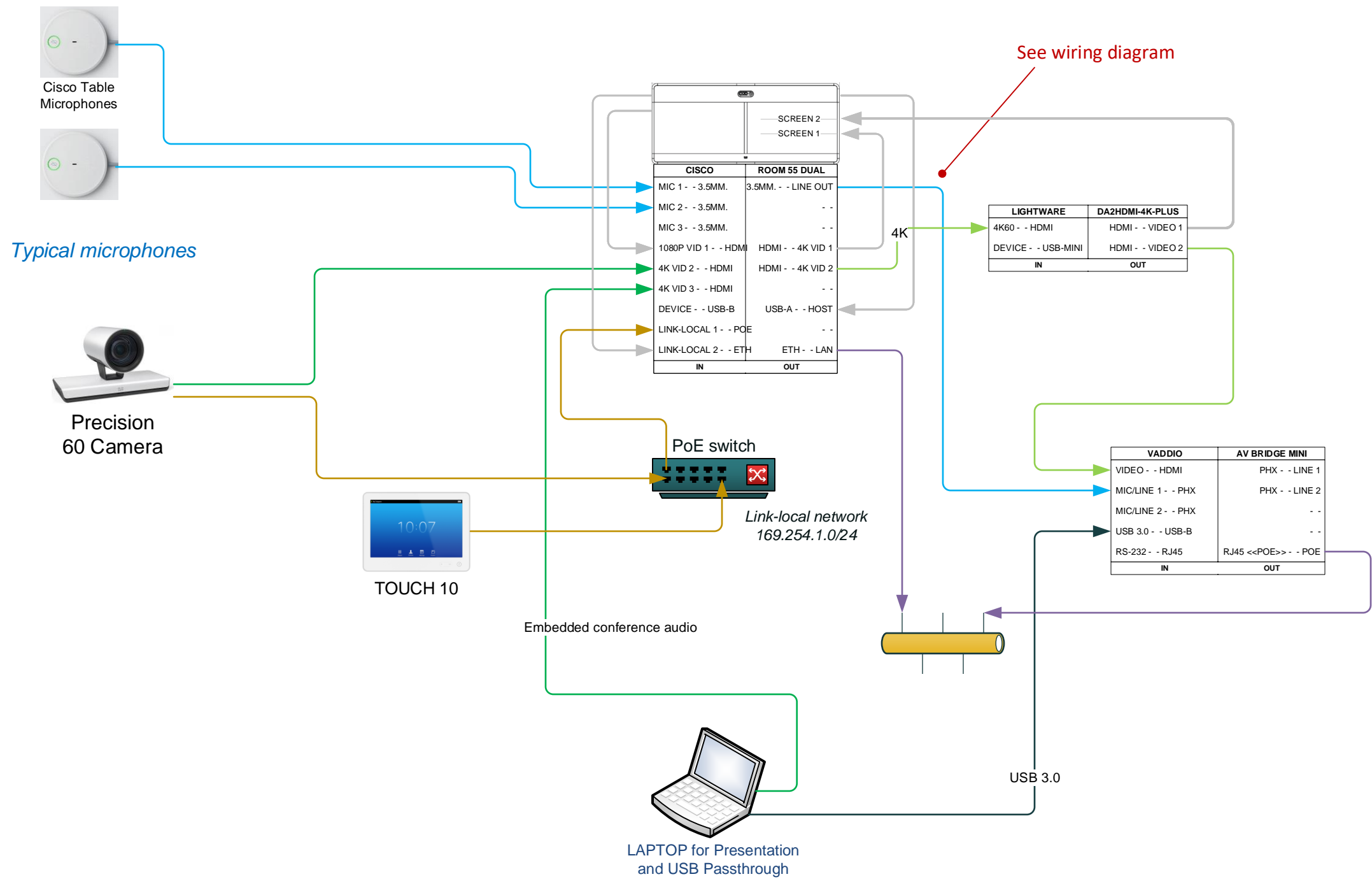


Room Kit Plus and Extron Mediaport 200
For USB Passthrough
Line drawing



Room 55 Dual with Vaddio AV Bridge Mini
For USB Capture
Line drawing

This drawing also applies to the Room 70 Dual Gen 1

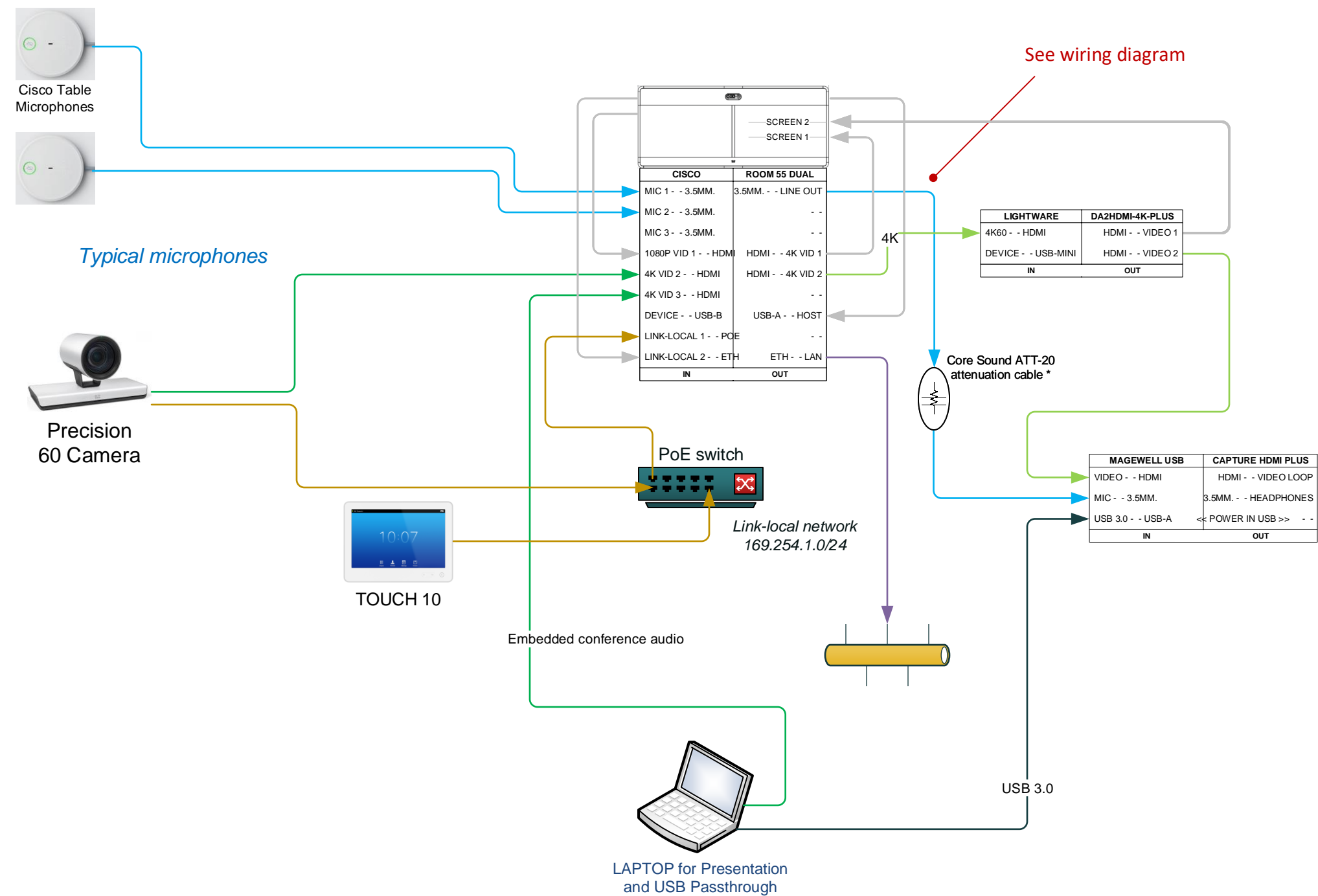


COLOR KEY	
	HDMI
	FSR Digital Ribbon Cable
	USB
	Audio
	Link-local
	LAN

TITLE
Room 55 Dual Vaddio AV Bridge Mini
DRAWN BY
ENRICO CONEDERA
REVISED
Ver 210219



This drawing also applies to the Room 70 Dual Gen 1



* Core Sound ATT-20 cable
Procure from www.core-sound.com

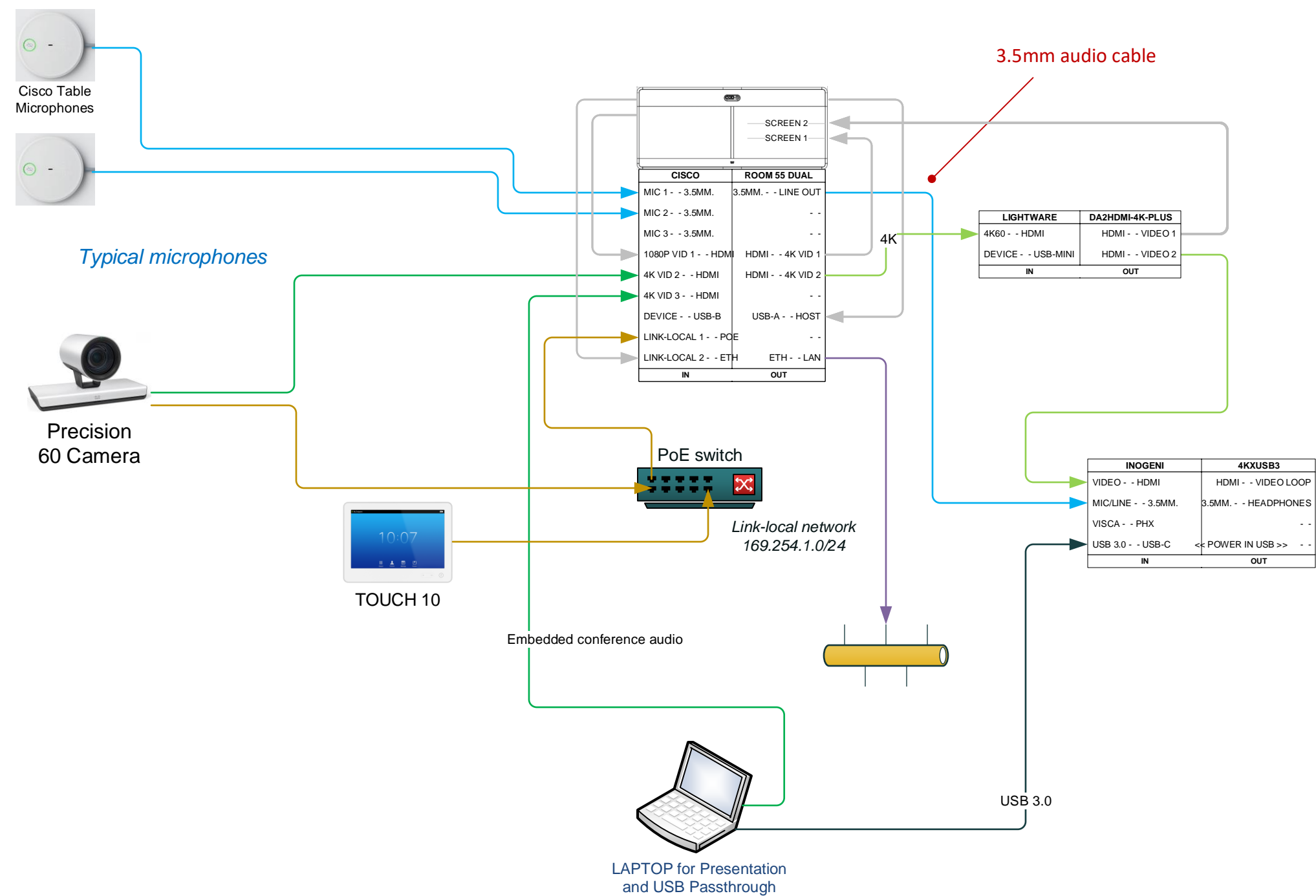
COLOR KEY	
	HDMI
	FSR Digital Ribbon Cable
	USB
	Audio
	Link-local
	LAN

TITLE	
Room 55 Dual Magewell USB Capture Plus	
DRAWN BY	
ENRICO CONEDERA	
REVISED	
Ver 210204	



Room 55 Dual with Inogeni 4KXUSB3
For USB Capture
Line drawing

This drawing also applies to the Room 70 Dual Gen 1



The Pro platform uses the Inogeni 4K2USB3. The other endpoints use the 4KXUSB3 which has an audio input and HDMI loop thru.

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

TITLE

Room 55 Dual
Inogeni 4KXUSB3

DRAWN BY

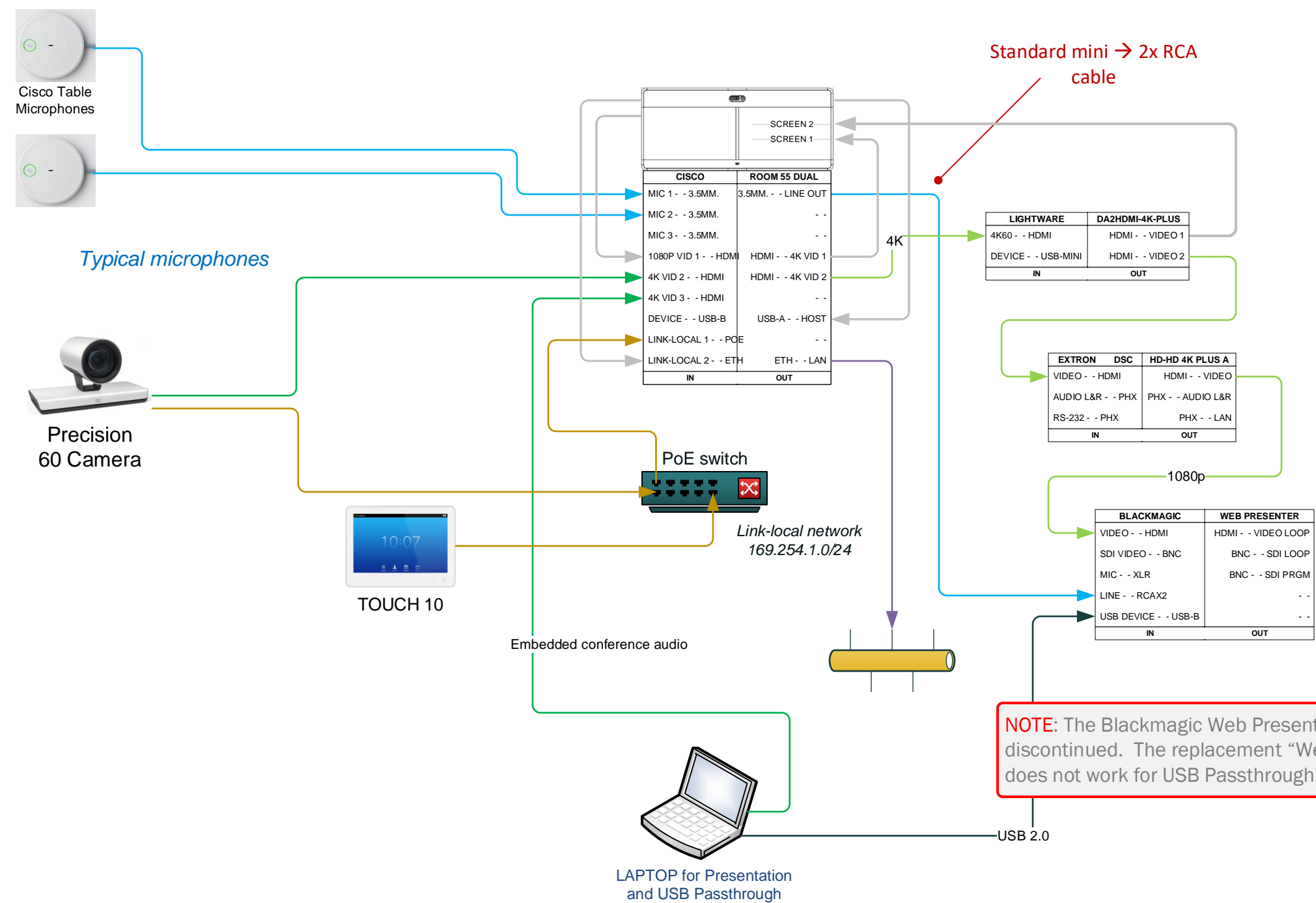
ENRICO CONEDERA

REVISED

Ver 210216

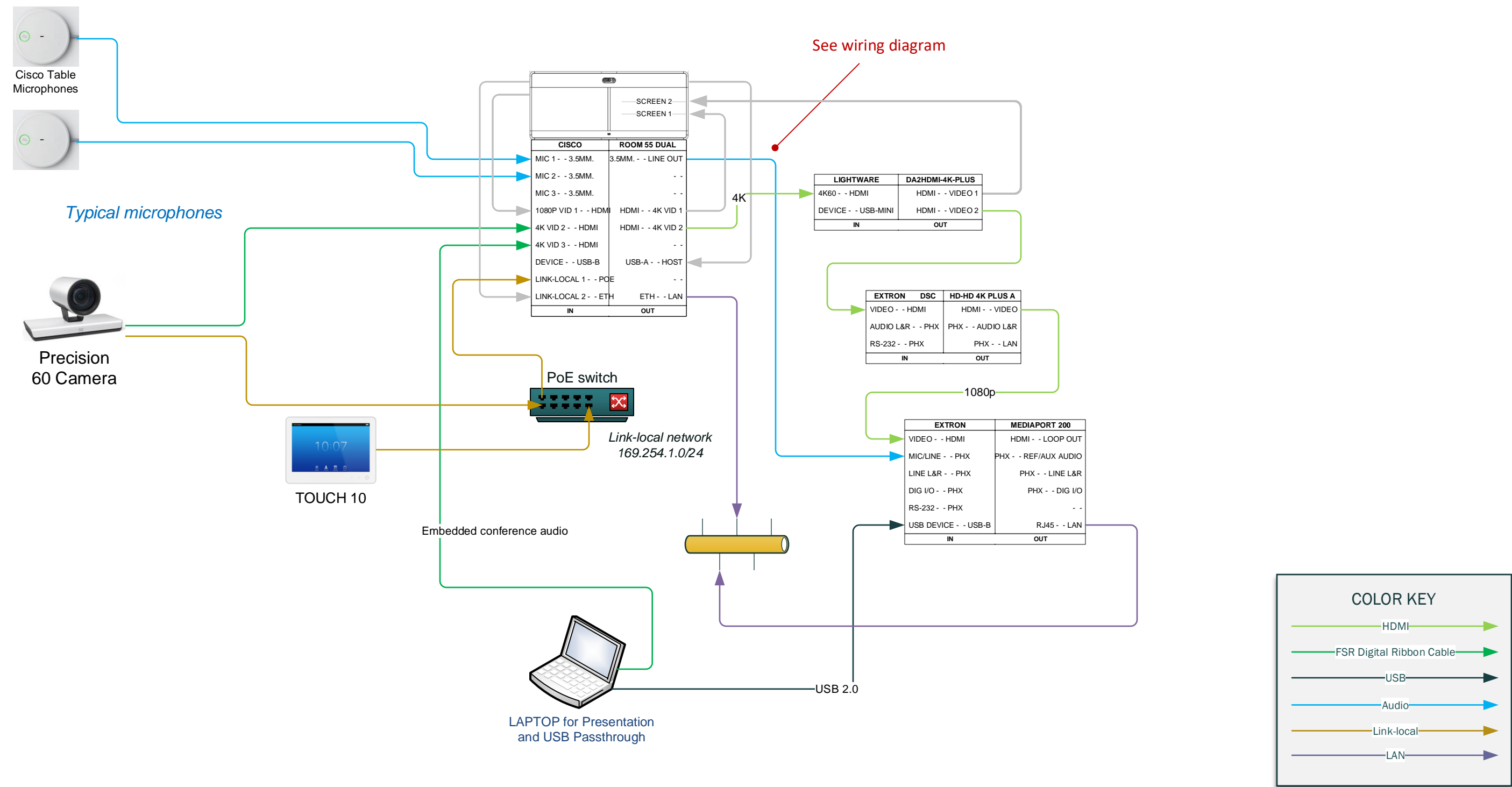


This drawing also applies to the Room 70 Dual Gen 1



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

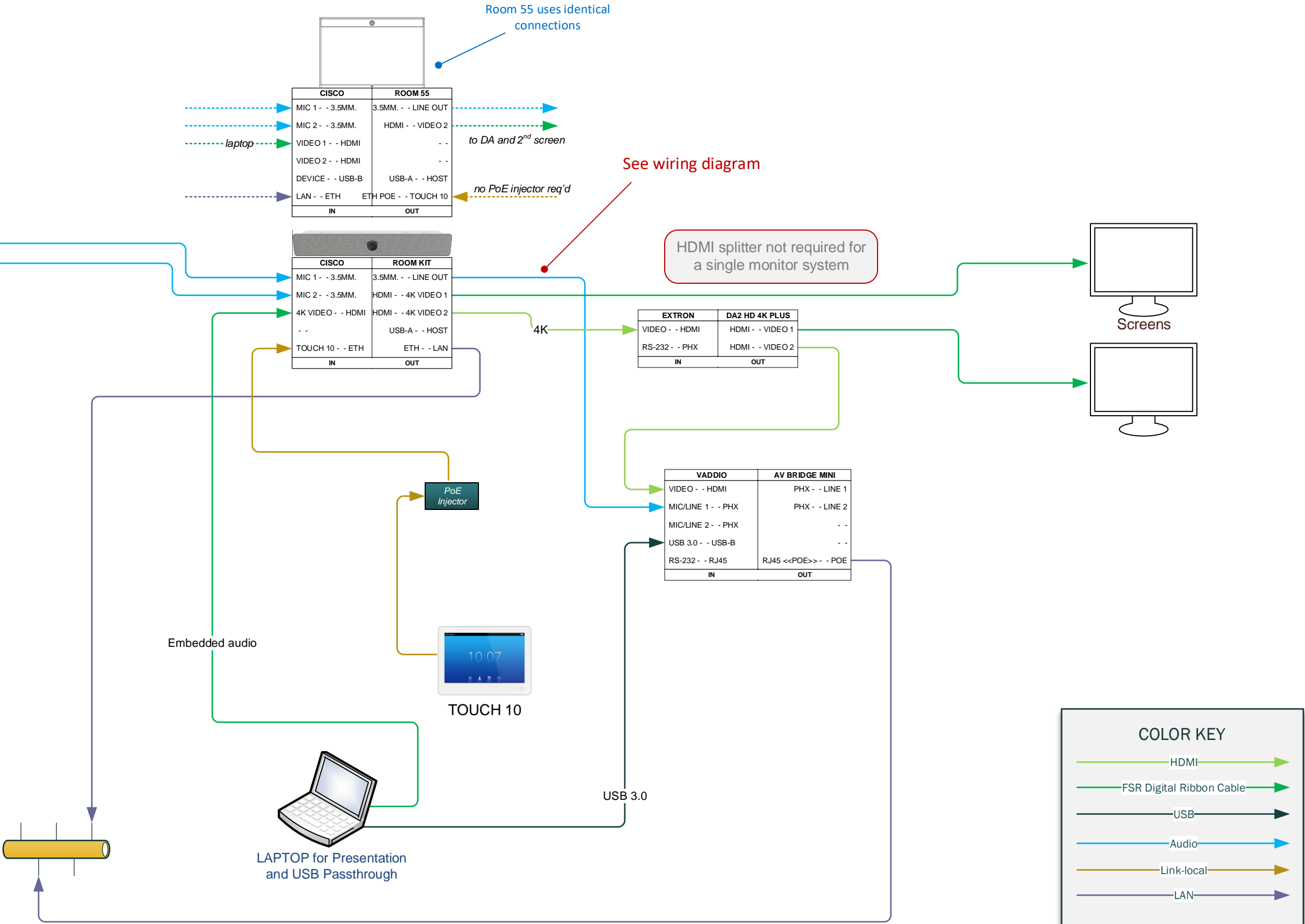
This drawing also applies to the Room 70 Dual Gen 1



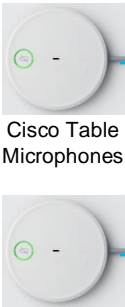
Room Kit / Room 55 and Vaddio AV Bridge Mini
For USB Passthrough
Line drawing



Typical microphones

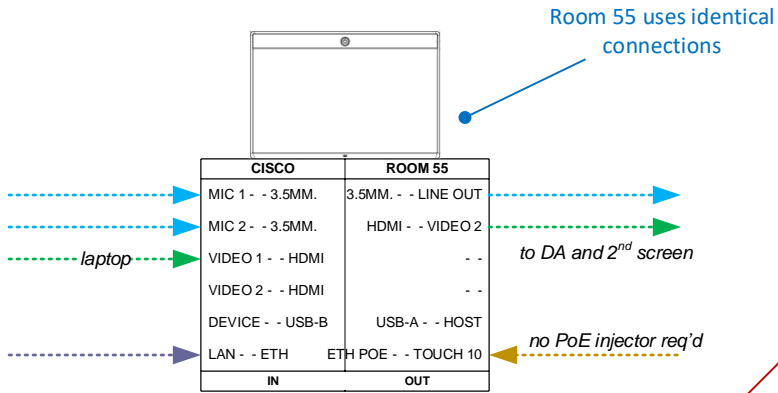


Room Kit / Room 55 and Magewell USB Capture Plus
For USB Passthrough
Line drawing



Cisco Table Microphones

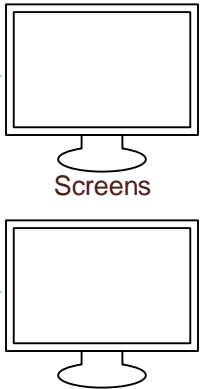
Typical microphones



See wiring diagram

HDMI splitter not required for a single monitor system

EXTRON	DA2 HD 4K PLUS
VIDEO - - HDMI	HDMI - - VIDEO 1
RS-232 - - PHX	HDMI - - VIDEO 2
IN	OUT



Screens

Loop out: no signal if laptop is unplugged

MAGEWELL USB	CAPTURE HDMI PLUS
VIDEO - - HDMI	HDMI - - VIDEO LOOP
MIC - - 3.5MM.	3.5MM. - - HEADPHONES
USB 3.0 - - USB-A	<< POWER IN USB >> - -
IN	OUT



Core Sound ATT-20 attenuation cable *



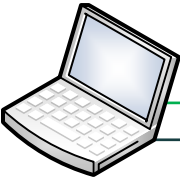
PoE Injector

Embedded audio



TOUCH 10

USB 3.0



LAPTOP for Presentation and USB Passthrough

* Core Sound ATT-20 cable
Procure from www.core-sound.com

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

TITLE
Room Kit / Room 55 Magewell USB Capture Plus
DRAWN BY
ENRICO CONEDERA
REVISED
Ver 210216

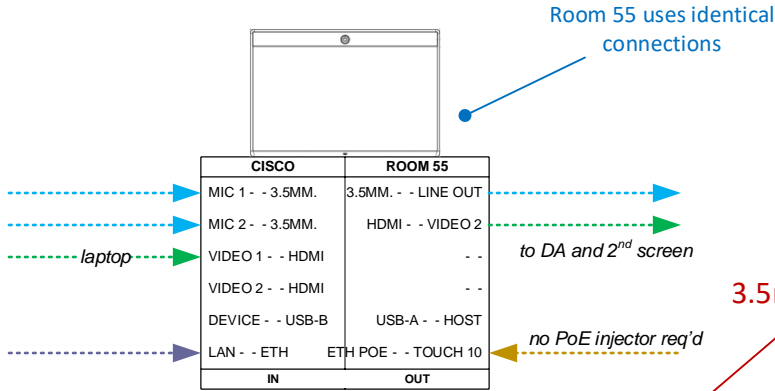


Room Kit / Room 55 and Inogeni 4KXUSB3
For USB Passthrough
Line drawing



Cisco Table Microphones

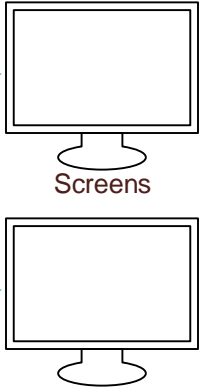
Typical microphones



3.5mm audio cable

HDMI splitter not required for a single monitor system

EXTRON	DA2 HD 4K PLUS
VIDEO - - HDMI	HDMI - - VIDEO 1
RS-232 - - PHX	HDMI - - VIDEO 2
IN	OUT



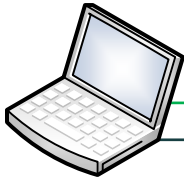
Screens

Loop out: no signal if laptop is unplugged

INOGENI	4KXUSB3
VIDEO - - HDMI	HDMI - - VIDEO LOOP
MIC/LINE - - 3.5MM.	3.5MM. - - HEADPHONES
VISCA - - PHX	- -
USB 3.0 - - USB-C	<< POWER IN USB >> - -
IN	OUT

The Pro platform uses the Inogeni 4K2USB3. The other endpoints use the 4KXUSB3 which has an audio input and HDMI loop thru.

Embedded audio



LAPTOP for Presentation and USB Passthrough



TOUCH 10

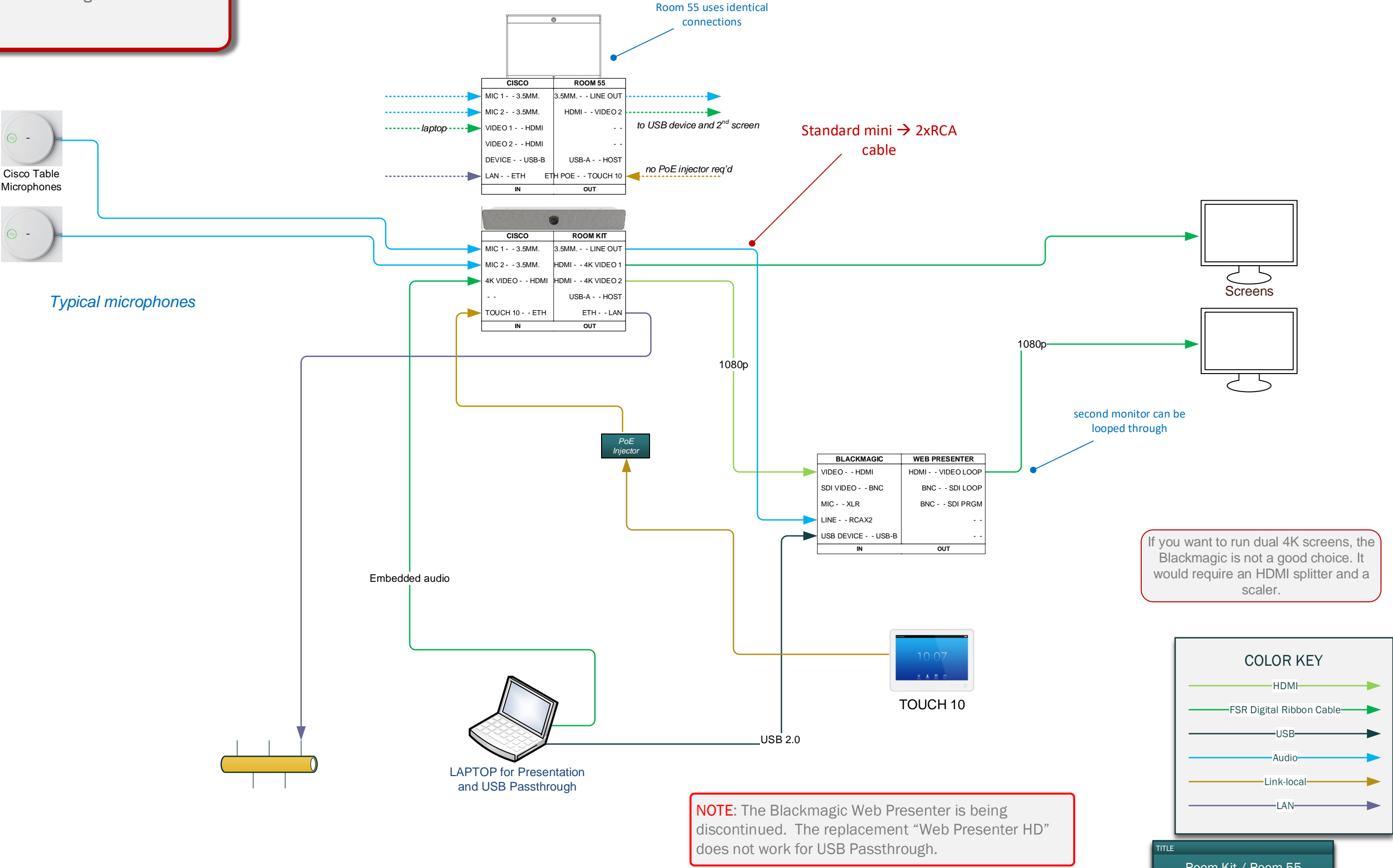
USB 3.0

COLOR KEY	
HDMI	→
FSR Digital Ribbon Cable	→
USB	→
Audio	→
Link-local	→
LAN	→

TITLE
Room Kit / Room 55 Inogeni 4KXUSB3
DRAWN BY
ENRICO CONEDERA
REVISED
Ver 210220



Room Kit / Room 55 and Blackmagic Web Presenter
For USB Passthrough
Line drawing

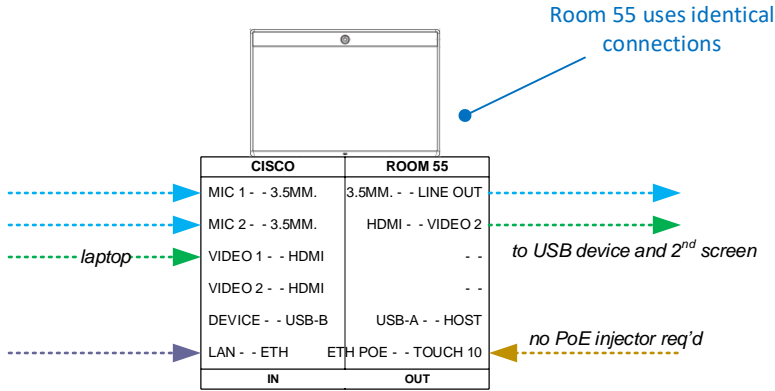


Room Kit / Room 55 and Extron Mediaport 200
For USB Passthrough
Line drawing

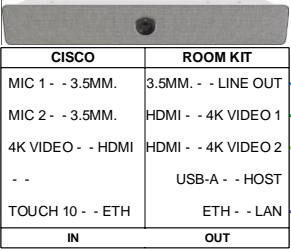


Cisco Table
Microphones

Typical microphones



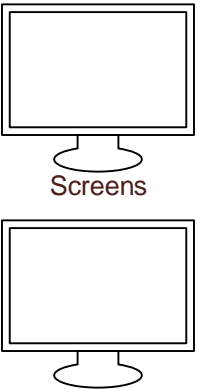
See wiring diagram



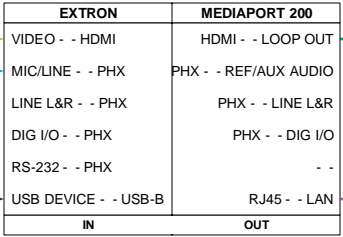
1080p

1080p

second monitor can be looped through



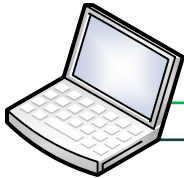
Screens



Embedded audio



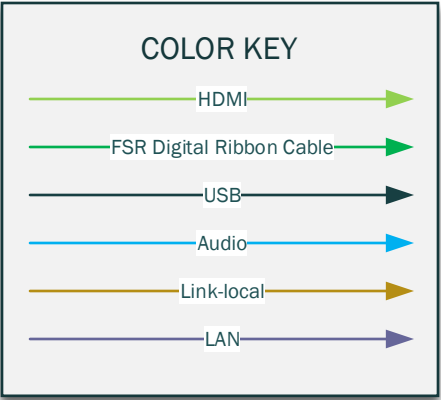
TOUCH 10



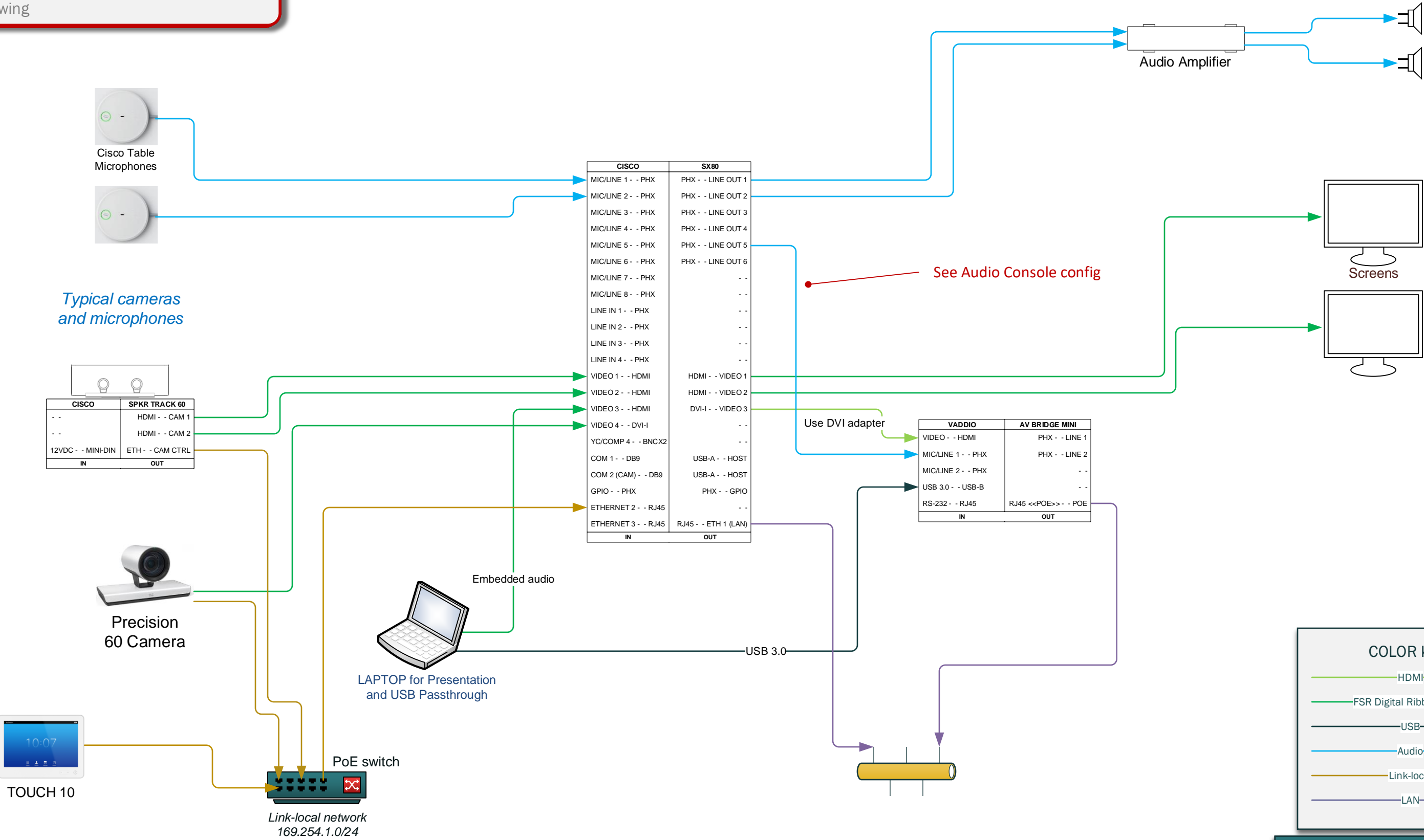
LAPTOP for Presentation
and USB Passthrough

USB 2.0

If you want to run dual 4K screens, the Extron is not a good choice. It would require an HDMI splitter and a scaler.



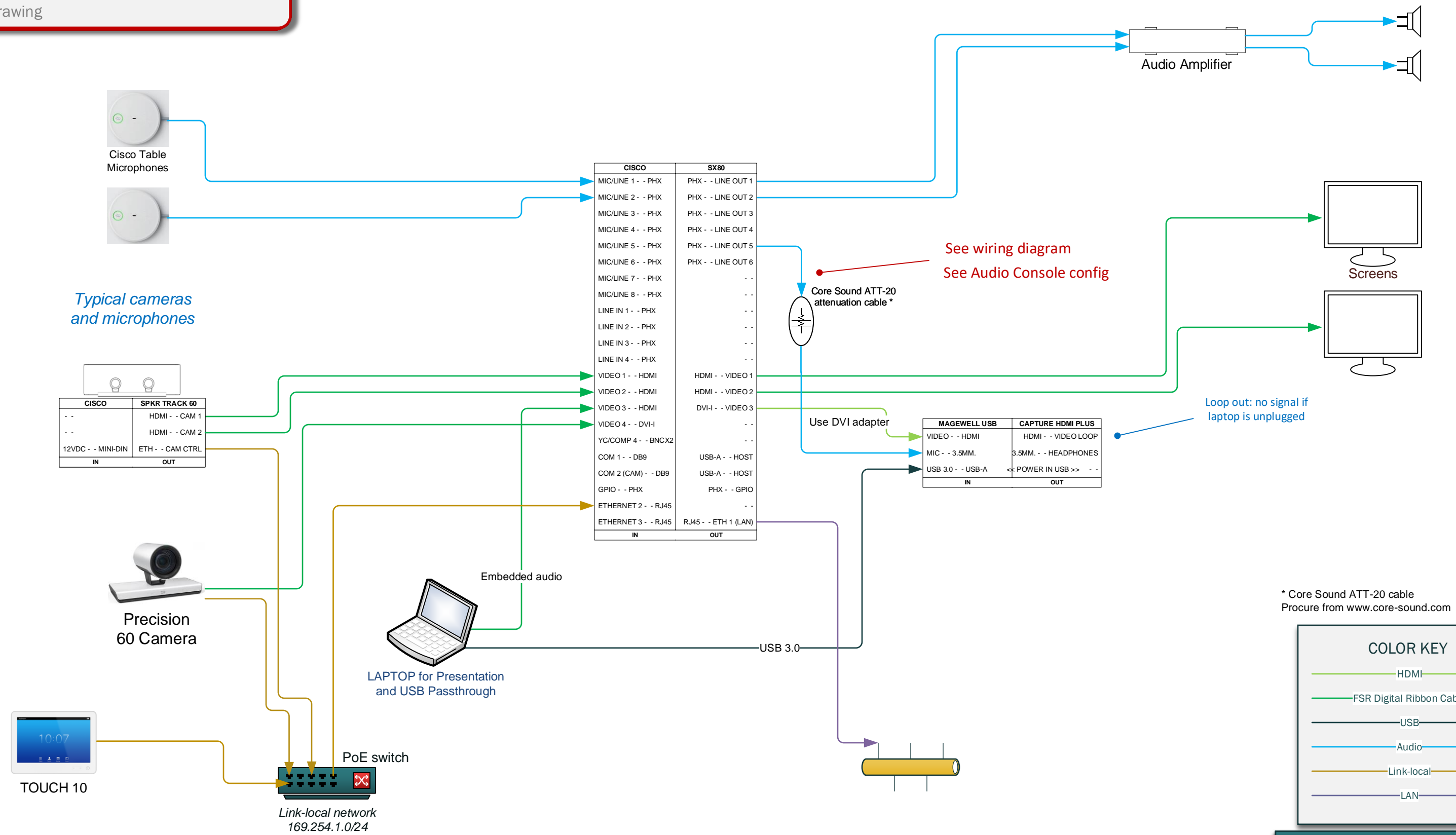
SX80 and Vaddio AV Bridge Mini
For USB Passthrough
Line drawing



COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- USB
- Audio
- Link-local
- LAN

SX80 and Magewell USB Capture HDMI Plus
For USB Passthrough
Line drawing



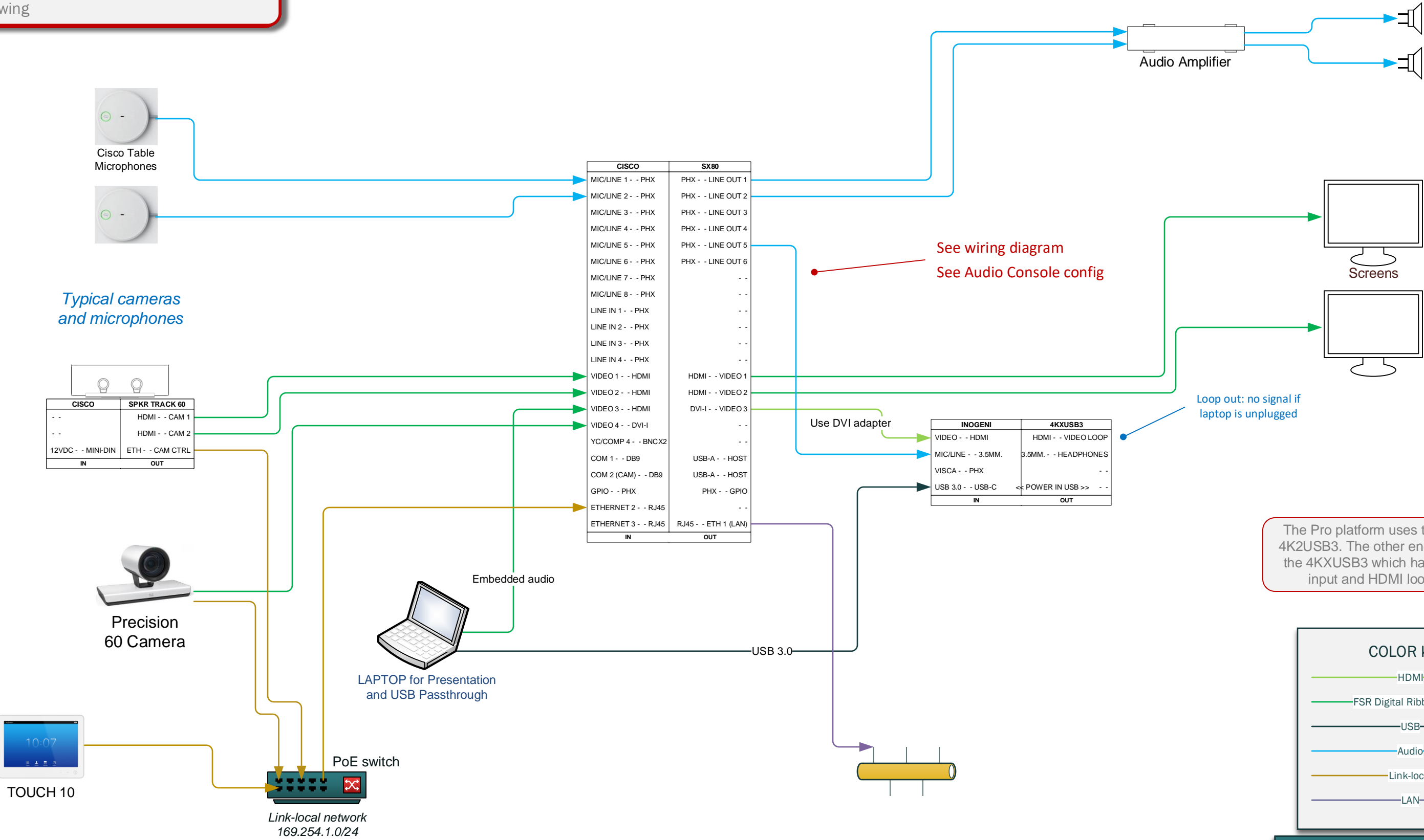
* Core Sound ATT-20 cable
Procure from www.core-sound.com

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

TITLE	
SX80	
Magewell USB Capture Plus	
DRAWN BY	
ENRICO CONEDERA	
REVISED	
Ver 210217	

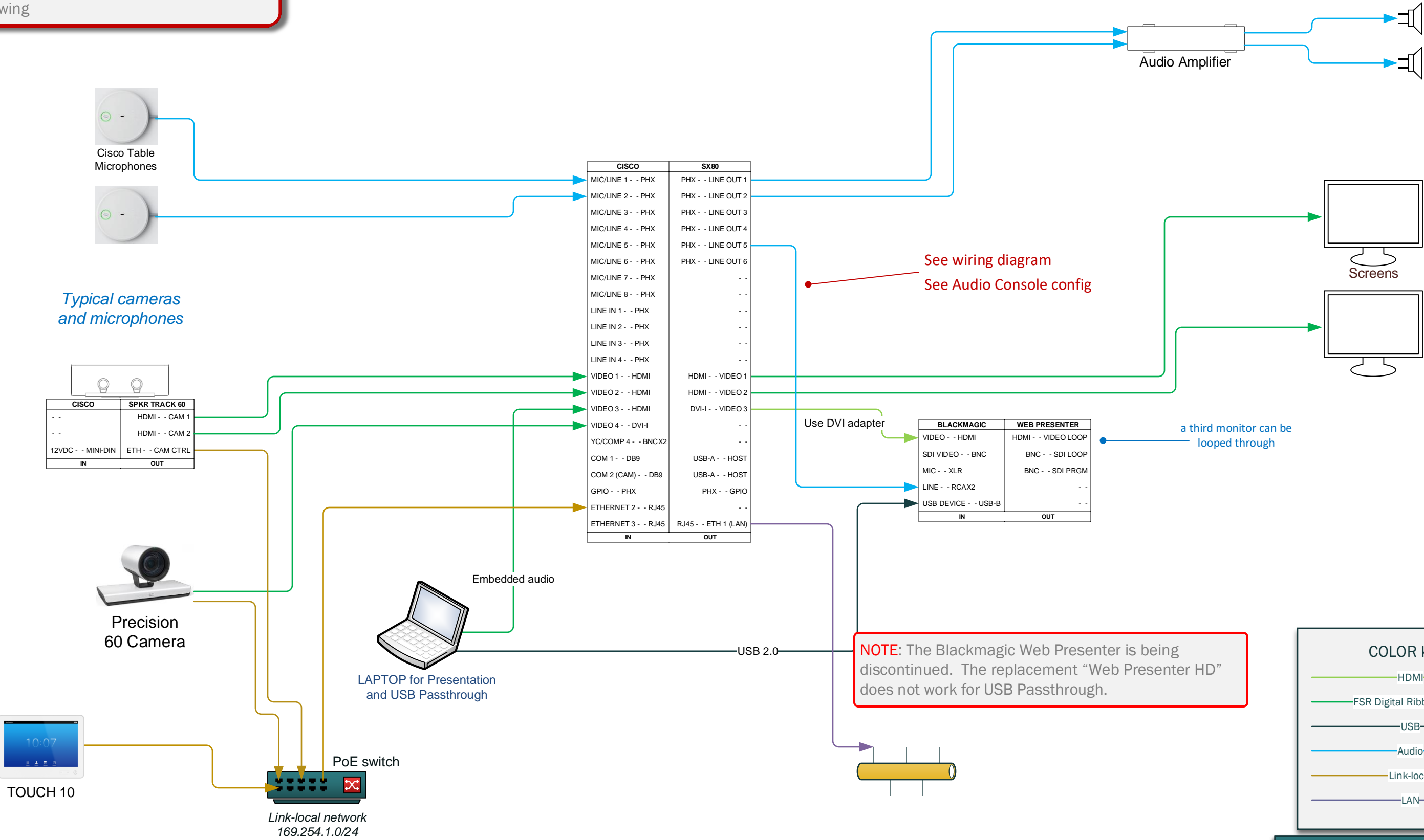


SX80 and Inogeni 4KXUSB3
For USB Passthrough
Line drawing

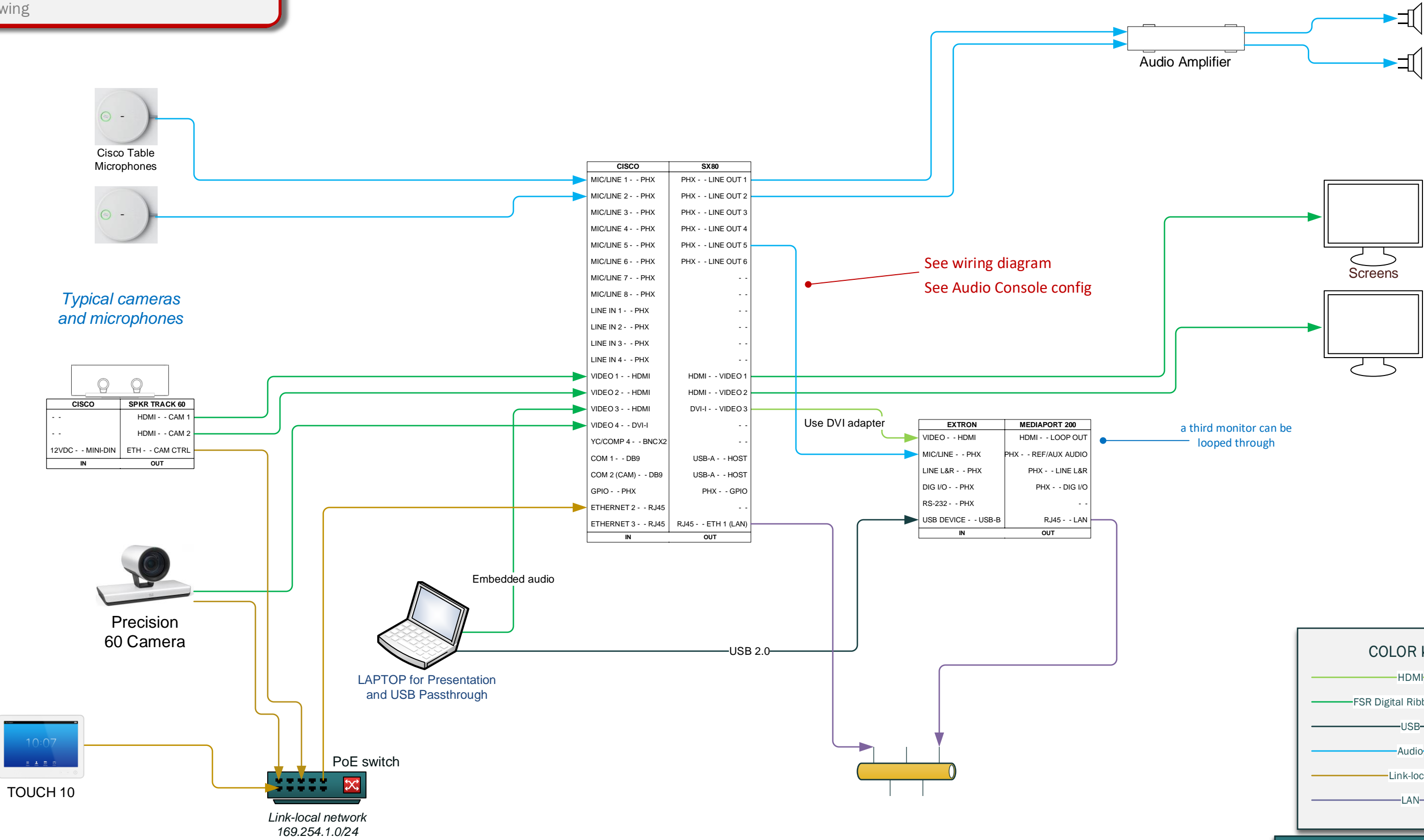


The Pro platform uses the Inogeni 4K2USB3. The other endpoints use the 4KXUSB3 which has an audio input and HDMI loop thru.

SX80 and Blackmagic Web Presenter
For USB Passthrough
Line drawing



SX80 and Extron Mediaport 200
For USB Passthrough
Line drawing



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

TITLE

SX80

Extron Mediaport 200

DRAWN BY

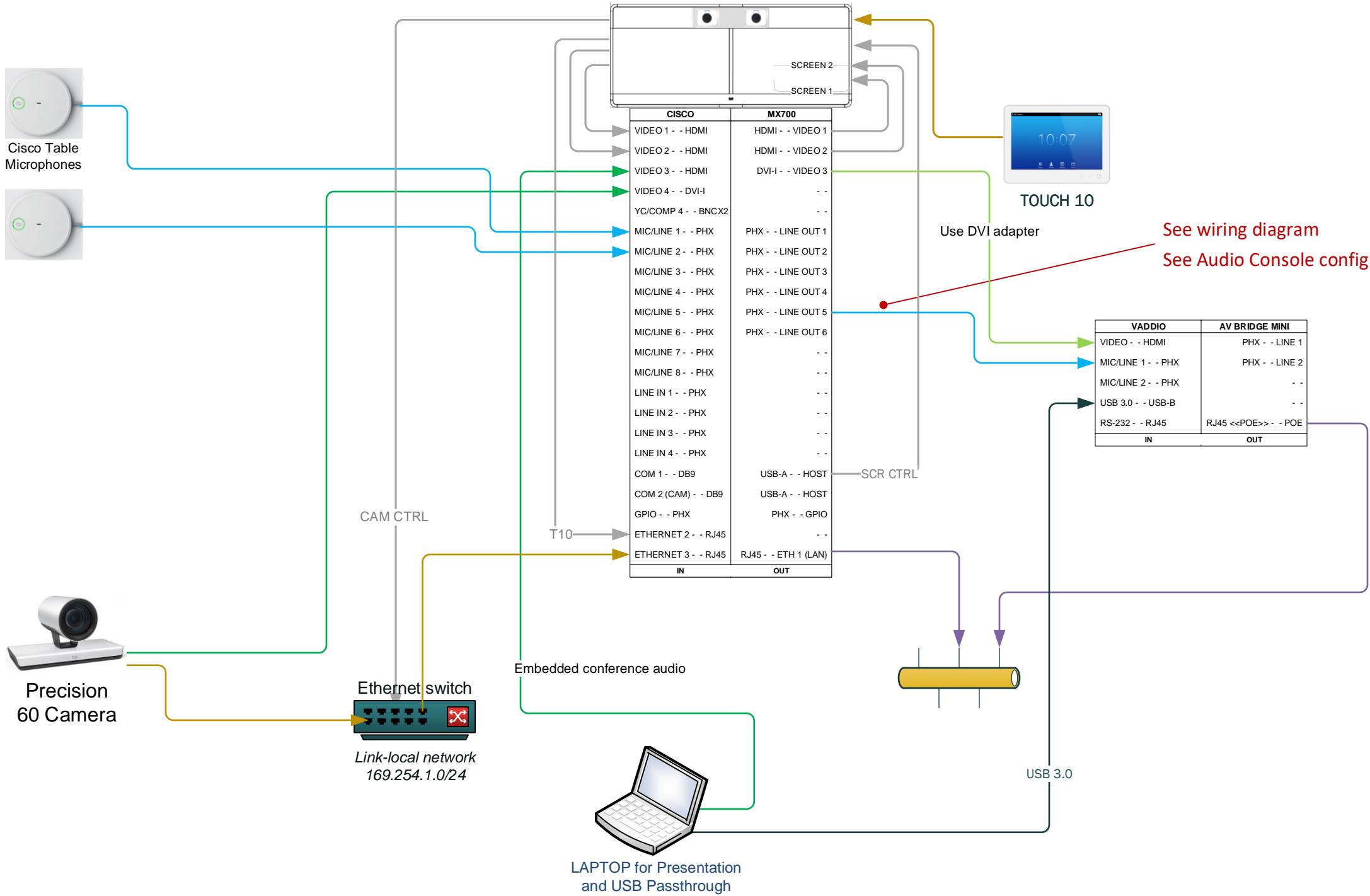
ENRICO CONEDERA

REVISED

Ver 210217

MX700 or MX800 Dual with Vaddio AV Bridge
For USB Passthrough
Line drawing

Typical
microphones

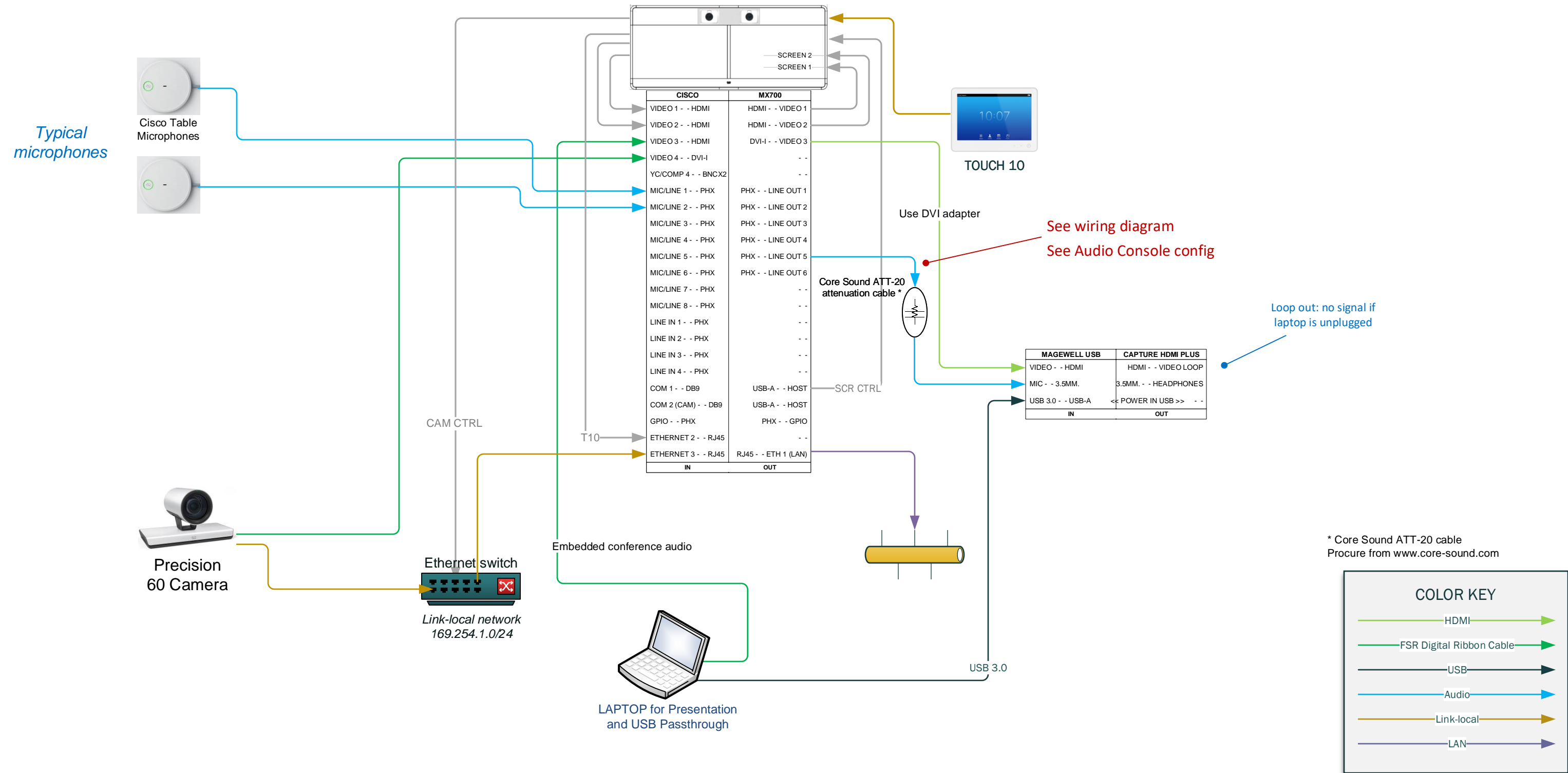


COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- USB
- Audio
- Link-local
- LAN



MX700 or MX800 Dual with Magewell USB Capture HDMI Plus
For USB Passthrough
Line drawing

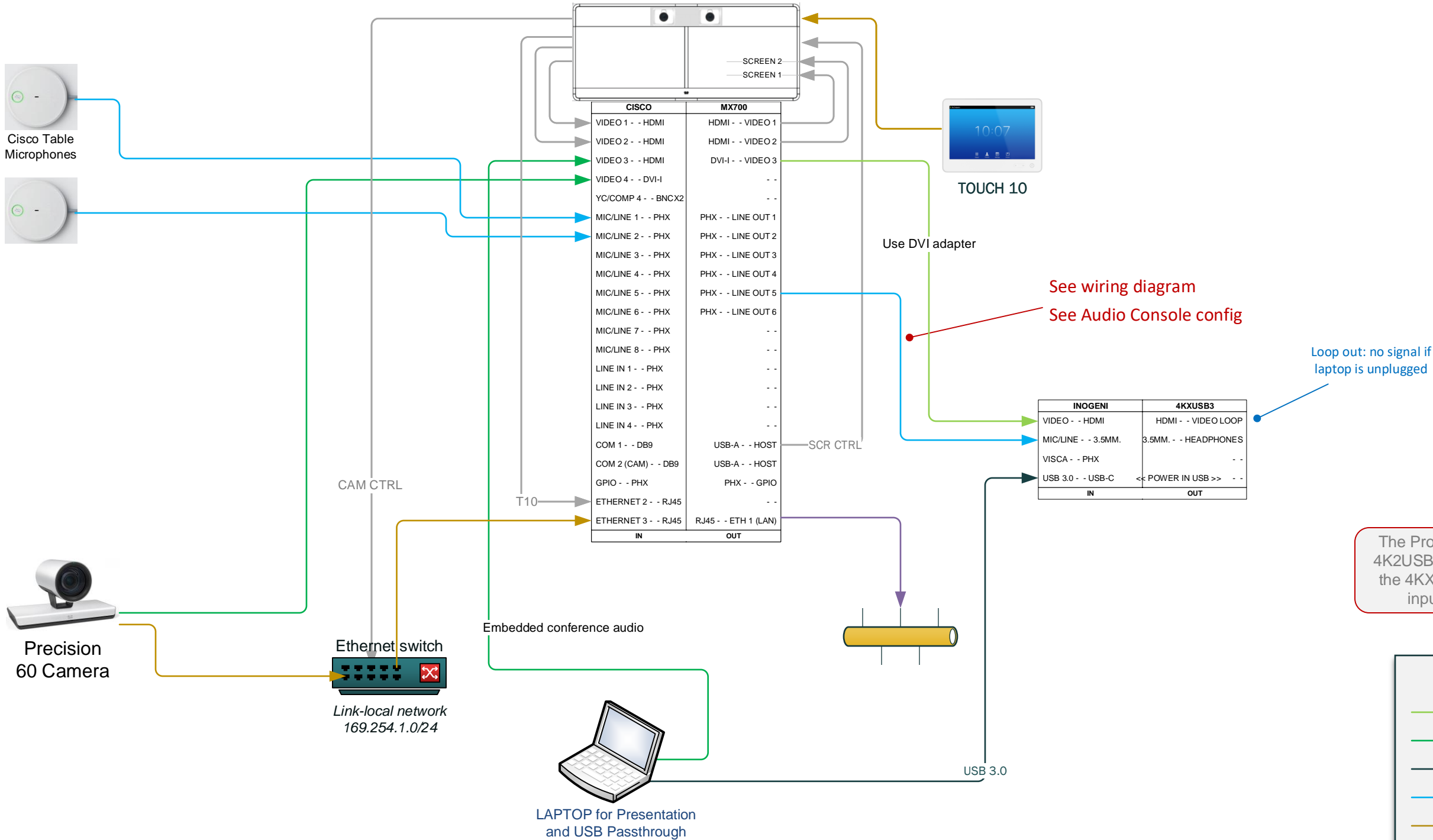


* Core Sound ATT-20 cable
Procure from www.core-sound.com



MX700 or MX800 Dual with Inogeni 4KXUSB3
For USB Passthrough
Line drawing

Typical
microphones



The Pro platform uses the Inogeni 4K2USB3. The other endpoints use the 4KXUSB3 which has an audio input and HDMI loop thru.

COLOR KEY

- HDMI
- FSR Digital Ribbon Cable
- USB
- Audio
- Link-local
- LAN

TITLE

MX700 or MX800 Dual
Inogeni 4KXUSB3

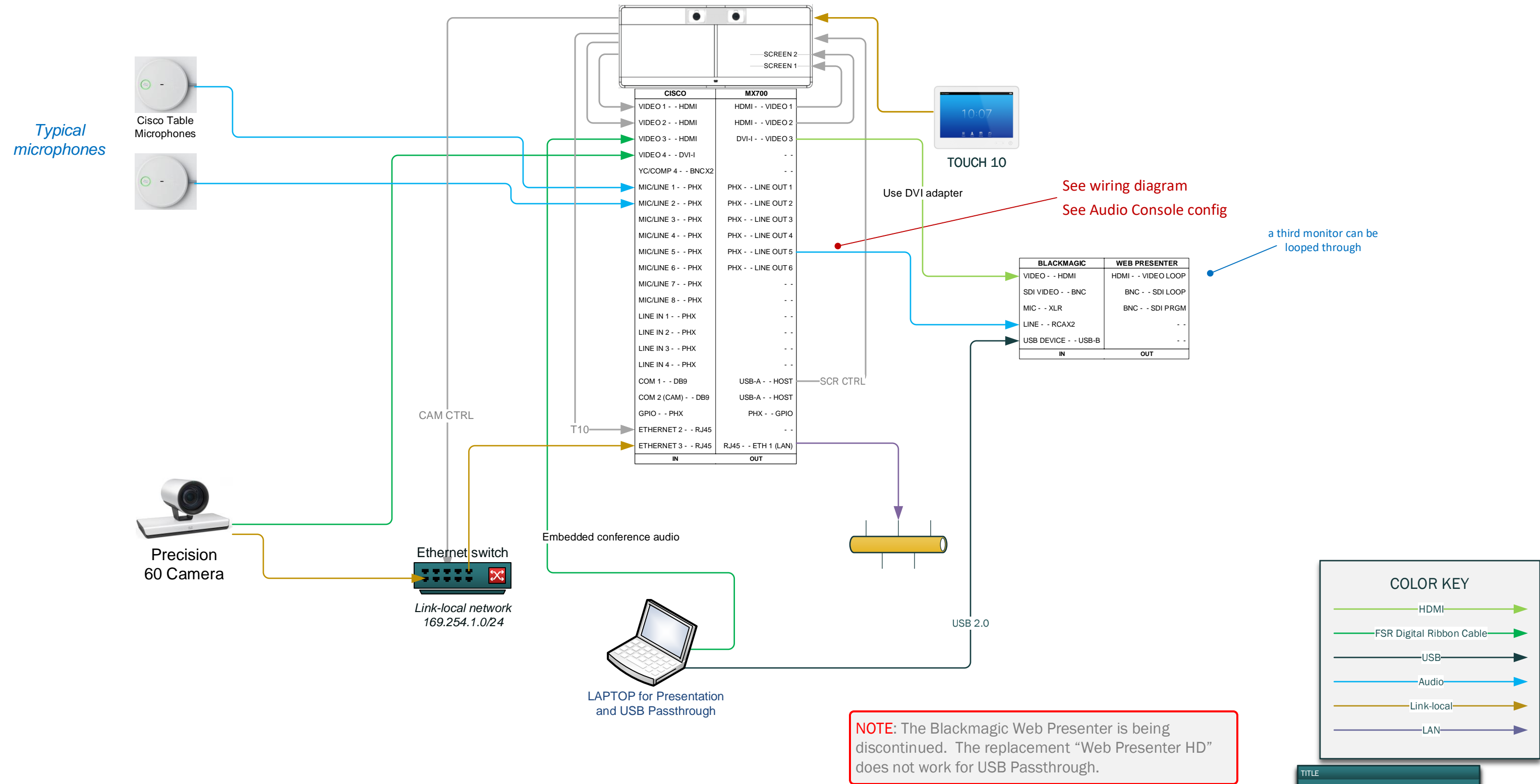
DRAWN BY
ENRICO CONEDERA

REVISED

Ver 210216



MX700 or MX800 Dual with Blackmagic Web Presenter
For USB Passthrough
Line drawing



MX700 or MX800 Dual with Extron Mediaport 200
For USB Passthrough
Line drawing

Typical
microphones

