REM
Fiber Solutions

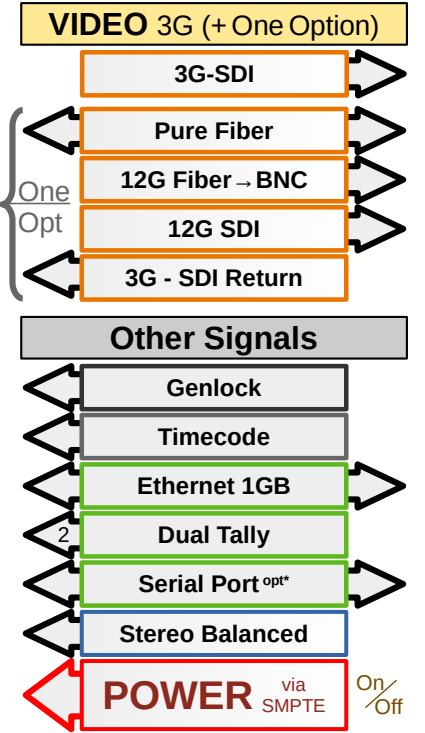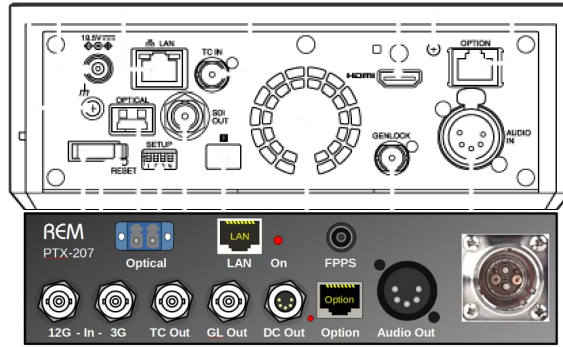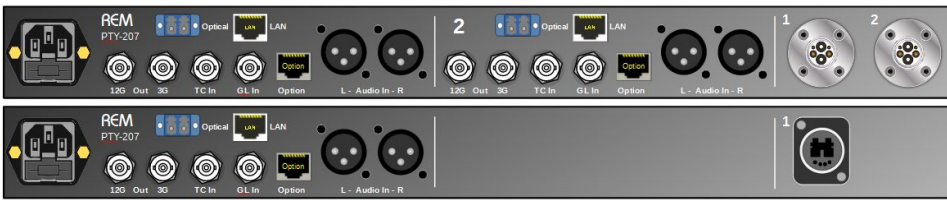# SCALA - FR
SONY FR-7   Hybrid / Fiber Pair Link

Sony ILME FR-7 PTZ dedicated Hybrid Link

Sony ILME FR-7 dedicated model of Cambox SCALA
Scala-FR is specially designed to connect via hybrid cable the Sony ILME-FR7 PTZ carrying all camera signals.
Various models are available to match your specific needs.

PTZ
CCA ⟺ **CCU**

VIDEO 3G (+ One Option)
3G-SDI
Pure Fiber
12G Fiber→BNC
12G SDI
3G - SDI Return

One Opt

Other Signals
Genlock
Timecode
Ethernet 1GB
Dual Tally
Serial Port opt*
Stereo Balanced

2

POWER via SMPTE   On/Off

REM PTX-207
Optical   LAN   On   FPPS
12G - In - 3G   TC Out   GL Out   DC Out   Option   Audio Out

Single or Dual Control Unit (1RU)

Hybrid Connector on Rear or Front

REM PTY-207
Optical LAN   2   Optical LAN   1   2
12G Out 3G   TC In   GL In   Option   L - Audio In - R   12G Out 3G   TC In   GL In   Option   L - Audio In - R

REM PTY-207
Optical LAN   1
12G Out 3G   TC In   GL In   Option   L - Audio In - R

Video Versions (Model **Scala-FR_**)

3G SDI Coax (Always Present CCA→CCU)

P: Pure Free Dark Fiber (12G/HDMI)
- Transport of original Sony Optical Output
- Transport of HDMI with thirty part Optical Extender *(E.G.: Opticis HDFX-500-TR)*
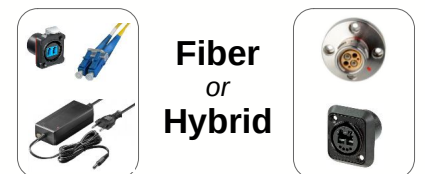
F: 12G Fiber/Coax
- Transport of original Sony Optical Output with SDI 12G out on CCU
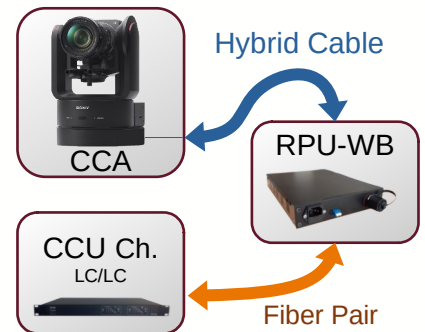
4: 12G Coax
- Transport of SDI 12G/6G/3G to CCU

R: 3G Return Coax (one video sent to CCA)
Note: all version are downgradable to P   P Version is upgradable to F

Audio *(Stereo Balanced)*
ILME Audio input a normally used in Microphone mode to embed local environment audio in SDI. With Audio transport you can send program audio to be recorder in local CFexpress Type A / SD in ISO application

Genlock [GL] **and Timecode** [TC]
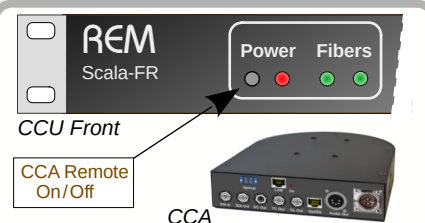Perfect camera timing and later editing precision

Dual Tally *(Red + Green)*

Serial Port *RS422/485 (Option*)*
useful to manage other remote devices

Power Management
Allow remote On / Off of PTZ camera holding on the Scala CCA *(Fiber-Pair models also)*

Fiber Only Model *(Normal or Rugged Fiber-Pair)*
In this model local energy is required *(Local PS or ILME-FR7 power supply with Pass* FPPS)*

Fiber *or* **Hybrid**

ORH or **RPU-Wall Box** Mode

CCA
Hybrid Cable
RPU-WB
CCU Ch. LC/LC
Fiber Pair

REM Scala-FR
Power   Fibers

CCU Front
CCA Remote On / Off
CCA