

Bi-Directional 12G-SDI with Remote & Tally Camera Adapter to Base Station over Fiber

← 1 →
12G-SDI

← 1 →
Remote

← 1 →
Tally



System Design

VOSCOM CineLock series, VOS-4K5S can transport 1-Channel 12G-SDI with PGM (Return 12G-SDI) signal from the camera to Base Station up to 10km via fiber cable. Full camera control is provided by the camera manufacturer's control panel via remote, the remote support 2.5mm port and 8-PIN remote port, It can perfectly interoperate with RCP, like SONY RM-30BP, RCP-1500/3500, etc .

The system puts all of the signals needed for multicamera 4K/UHDTV production onto one fiber cable, ensuring robust, trouble-free connectivity on any studio or remote production.

Features

- Support 1-Channel 12G-SDI and PGM (one Return 12G-SDI)
- Support SMPTE 2082 / 2081 / 424M / 292M / 259M or DVB-ASI compliant
- Automatic detection and re-clocking of 12G, 6G, 3G, 1.5G, 270M SDI data rates
- Coax inputs are equalized(EQ), Coax outputs are with driving function (CD)
- Support Battery Mount (V or A-mount), also support 9~18V power input
- Support Remote 2.5mm and 8-Pin port, and 3.5mm for GRIP of SONY Fx6
- Support 12-pin port Hirose for the LENS control
- Dual Fiber or Single-fiber, ODC connector, up to 10km
- LED Status Provide Rapid Indication of Operating Parameters

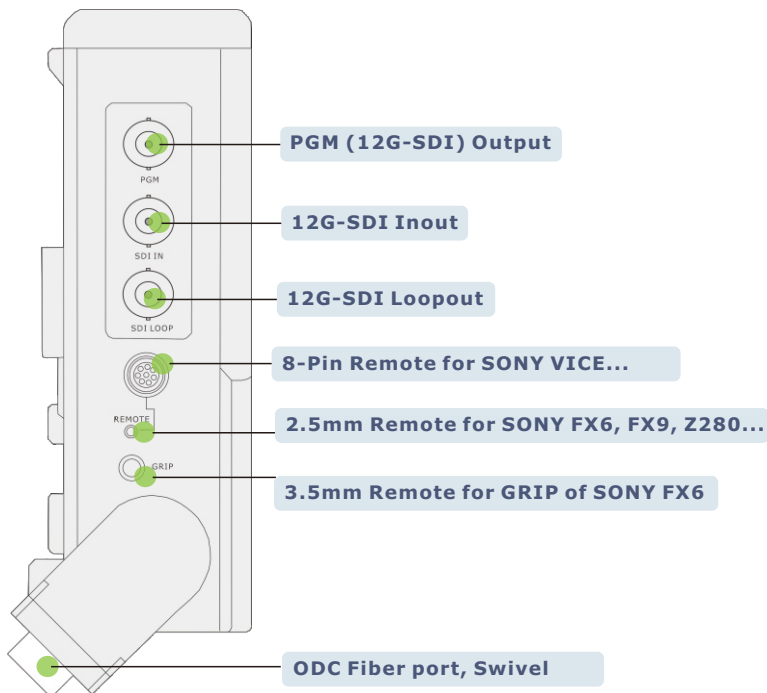
System Diagram



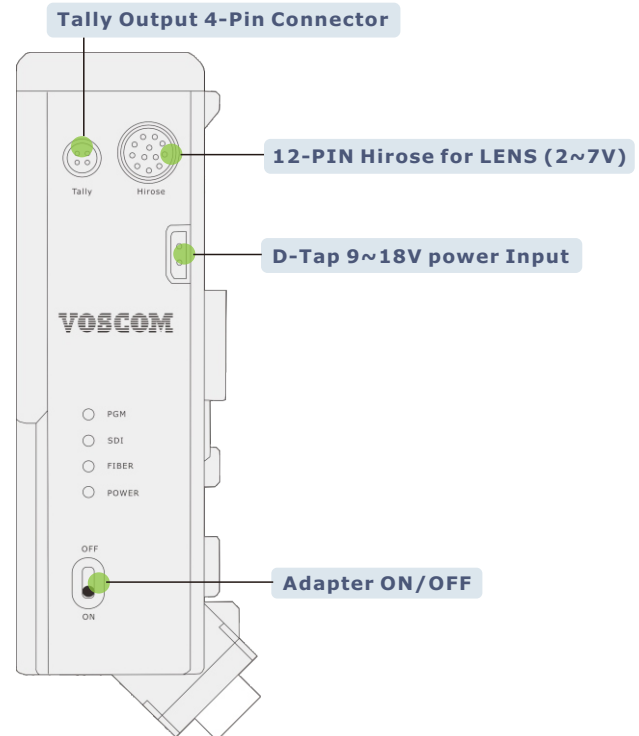
CineLock Series

VOS-4K5S

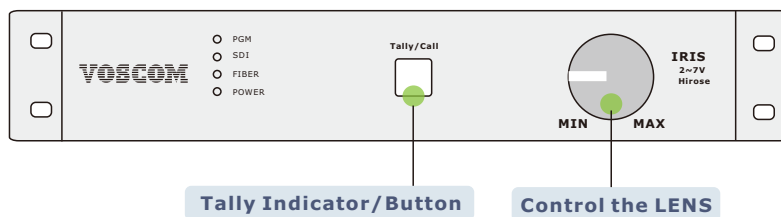
Camera Adapter Left Panel



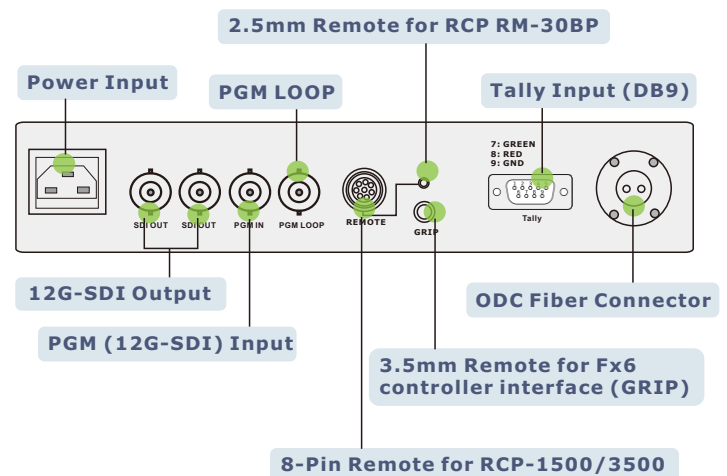
Camera Adapter Right Panel



Base Station Front Panel



Base Station Rear Panel



CineLock Series

VOS-4K5S

Ordering Information

Part Number	Description
VOS-4K5S-CU	Camera Unit: 1-Channel 12G-SDI + PGM (Return 12G-SDI) + Remote + Tally V-mount or A-mount Battery power supply or D-tap power input
VOS-4K5S-BU	Base Unit: 1-Channel 12G-SDI + PGM (Return 12G-SDI) + Remote + Tally Stand-alone AC100V~240V power input

Specification

• 12G-SDI	• Optical
Number of Channels: 1-Ch Bi-Directional 12G-SDI Connector: 75 Ohm BNC Data Rate: 12G-SDI, 6G-SDI 3G-SDI, HD-SDI - Auto Select Standards: SMPTE 2082(12G-SDI), SMPTE 2081(6G-SDI), SMPTE 424M (3G-SDI), SMPTE 292M (HD-SDI) Max Resolution: 4K UHD @ 60Hz	Optical Connector: ODC Fiber Type: Single-Mode, Dual-Fiber Distance: 10km Rate: 12Gbps Tx Output Power: 0~-3dB Receiver Sensitivity: >-12dB
• Remote	• Electrical & Mechanical
Connector1: 8-pin Remote port for RCP-1500/3500 Connector2: 2.5mm Remote port for RCP RM-30BP Connector3: 3.5mm Remote port for GRIP of SONY FX6	Camera Unit Battery: V or A-mount, 9~18VDC Power Input: D-Tap 9~18V input Size: 95mm x 47mm x 158mm Weight: 0.8kg Base Unit Power Adpater: AC100~240V Size: 210mm x 180mm x 44mm Weight: 1.5kg
• Tally	
Channels: 2 Connector: 4-pin (Camera unit) DB-9(Base unit)	Operating Temperature: 0°C ~+50°C Relative Humidity: 0%~95% (non-condensing)