

12G-SDI with Time Code, Intercom, Tally, Remote & Ethernet Camera Adapter to Base Station via SMPTE Hybrid Fiber

← **1** →
12G-SDI

← **1** →
Time Code

← **1** →
Intercom

← **1** →
Remote

← **1** →
Tally

← **1** →
Ethernet



System Design

VOSCOM CineLock series, VOS-4K6S can transport 1-Channel 12G-SDI with PGM (Return 12G-SDI) signal from the camera to Base Station up to 300 meters via fiber cable. Full camera control is provided by the camera manufacturer's control panel via remote or a Gigabit Ethernet path. also support Time code / Genlock, Intercom and Tally.

The system puts all of the signals needed for multicamera 4K/UHDTV production onto a SMPTE hybrid 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 Hybrid Fiber Connector 3K.93C, SMPTE 304M
- Support Clear-com or Telex's Party Line intercom, compatible with 4-wire intercom.
- support Time Code or Genlock
- Support Tally, Remote control and Gigabit Ethernet
- Compatible with V-mount or A-mount camcorders
- LED Status Provide Rapid Indication of Operating Parameters
- Support two D-Tap 14.8V power output

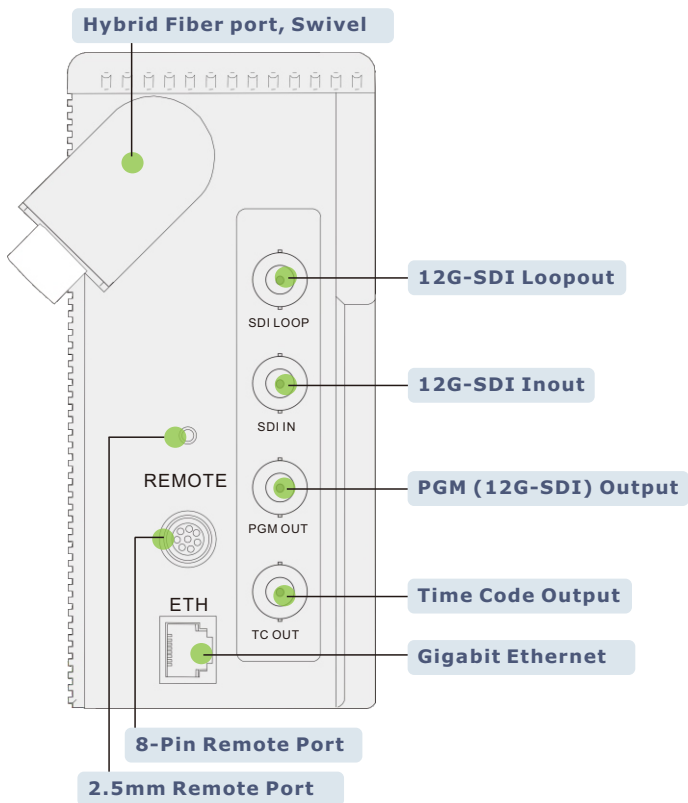
System Diagram



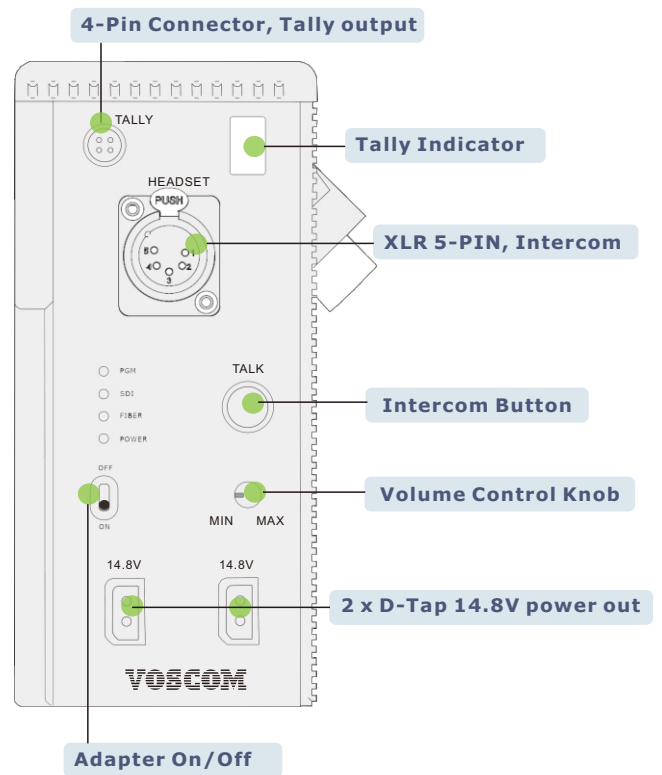
CineLock Series

VOS-4K6S

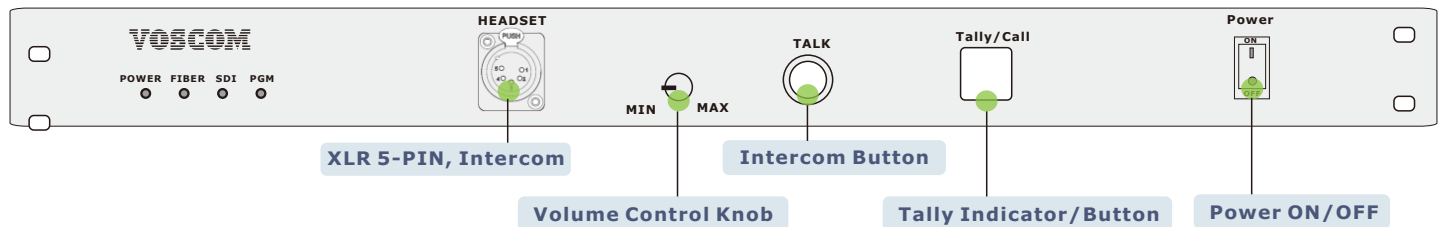
Camera Adapter Left Panel



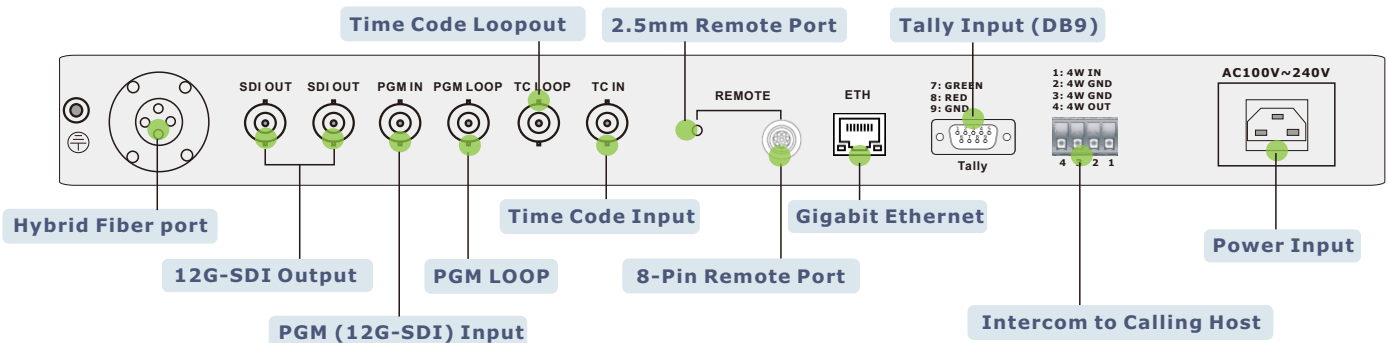
Camera Adapter Right Panel



Base Station Front Panel



Base Station Rear Panel



CineLock Series

VOS-4K6S

Ordering Information

Part Number	Description
VOS-4K6S-CU	Camera Unit: 1-Channel 12G-SDI + PGM (Return 12G-SDI) + Time Code + Remote + Intercom + Tally + Gigabit Ethernet, SMPTE 304M, 3K.93C Hybrid Connector V-mount or A-mount 2 x D-tap 14.8V power output
VOS-4K6S-BU	Base Unit: 1-Channel 12G-SDI + PGM (Return 12G-SDI) + Time Code + Remote + Intercom + Tally + Gigabit Ethernet, SMPTE 304M, 3K.93C Hybrid Connector 19inch 1U rack AC100V~240V power input

Specification

• 12G-SDI 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	• Time Code Type: SMPTE / EBU Input: Unbalanced, 15Vp-p max Output: Unbalanced, 3Vp-p max Connector: BNC
• Intercom Number of Channels: 2 Connector: 5-pin XLR, Headset (Camera) 5-pin XLR, Headset (Base) 4-wire to Calling Host (Base) Level: +4dBu nominal	• Ethernet Number of Channels: 1-Channel Data Rate: 1000 Mbps Connector: RJ-45, Auto MDI/MDI-X
• Remote Connector1: 8-pin Remote port for RCP-1500/3500 Connector2: 2.5mm Remote port for RCP RM-30BP	• Optical Standard: SMPTE 304M Connector: 3K.93C EDW (Camera unit) 3K.93C FXW (Base unit) Distance: 300meters
• Tally Channels: 2 Connector: 4-pin (Camera unit) DB-9(Base unit)	• Electrical & Mechanical Camera Unit Output Power: A type:50W, V type: 50W Power Adpater: DC14.8V Size: 105mm x 74mm x 158mm Weight: 1.35kg Base Unit Output Power: DC:300W Power Adpater: AC100~240V Size: 440mm x 325mm x 45mm (1U) Weight: 3.0kg Operating Temperature: 0°C ~+50°C Relative Humidity: 0%~95% (non-condensing)