

INNVISION **SCL 5G PRO**

// LED VIDEO CONTROLLER

*Professional LED video controller for powerful UHD image processing and LED screen control. With **HDR10** /HLG for extended contrast range and particularly vivid colors. Plus ultra-low latency, 5G, HDR and wide color gamut display effects for a lifelike picture. With Genlock technology.*

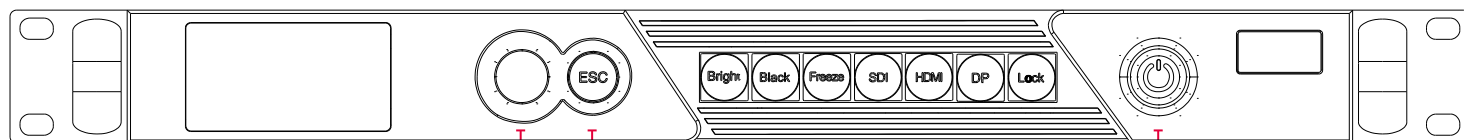
Input

- / Full 4K inputs: HDMI2.0 / DP1.2 / 12G-SDI
- / Resolution: 4096 × 2160 @60Hz per channel
- / 8/10-bit video signal input
- / HDCP1.4 / HDCP2.2
- / Frame frequency: 23.98 Hz - 240 Hz

Output

- / Maximum loading capacity of 8.84 million pixels (16384 × 8192 px)
- / 6 × 5G Ethernet ports / 3 × 10 Gigabit fiber ports
- / Frame frequency: 23.98 - 240 Hz
- / Ethernet port redundancy and controller redundancy

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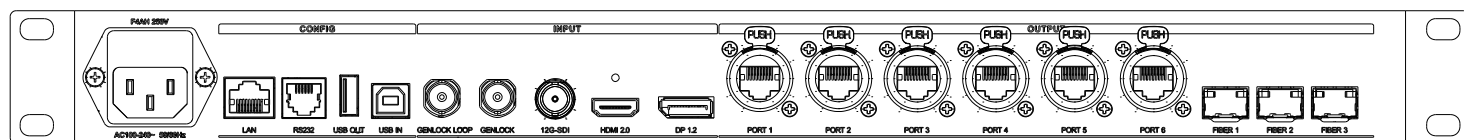
LCD-SCREEN
Display operation menu
and system information

ESC key
KNOB
Turning knob
to select / adjust

FUNCTION KEYS
Bright: Tune brightness
Black: Send output screen to black
Freeze: Freeze screen
SDI: Switch to SDI signal
HDMI: Switch to HDMI signal
DP: Switch to DP signal
Lock: Lock the keys on the front panel

Power switch
On/off

POWER
100-240V~, 50/60Hz
/ Built-in power protector



LAN
RJ45 port / local
network access

RS232
RJ11(6P6C) / central
control connection

USB IN
USB 2.0 type B port
/ PC connection for
debugging / cascade input

USB OUT
USB 2.0 type A port
for cascade output

GENLOCK LOOP
1× BNC port (male)
/ Loop out
Genlock sync signal

GENLOCK
1× BNC port (male)
/ External synchronization
source input
/ Bi-level and tri-level sync
/ 23.98~60 Hz frame rates

HDMI 2.0 | DP1.2
1× HDMI 2.0 type A port
1× DisplayPort 1.2
/ HDCP2.2 and
HDCP1.4 support
/ Max. resolution
4096×2160@60Hz
/ Custom max. width/height
8192(×1080@60Hz)
/ HDR support

12G-SDI
1× BNC port
/ For SMPTE 2082/2081/424M/292M
/ Supports HD/3G/6G-SDI/12G-SDI (2SI format)/Level A/B
/ Max. resolution 4096×2160@60Hz
/ Deinterlaced display support (no EDID settings)

PORT 1-6
6× Neutrik Ethernet ports
/ Single-port transmission rate 5 Gb/s,
working with 5G receiving card
/ Redundancy support
/ Shielded cable recommended
(CAT6 and above, max. 80m)

FIBER 1-3
3× 10G output fiber ports
/ Automatic backup of the
6× 5G Ethernet output
fiber 1≙port 1-2
fiber 2≙port 3-4
fiber 3≙port 5-6
/ Manual selection of output
mode (Ethernet or fiber optic)

PHYSICAL SPECS

Device dimension WxHxD [mm]	482.6 × 44 × 357.7
Weight net. [kg]	2.96

INNLIGHTS STANDARDS

WEEE-Reg.-No.: DE 55860379
Certificates: CE, FCC, CB, IC, cTUVus

POWER

Power	AC100-240V, 50/60Hz
Power Cons. Max. [W]	50

ENVIRONMENT

Operating Humidity [RH]	0% - 90%
Operating Temp. Min./Max. [°C]	-20 / +50