



SWPro Video Wall Controllers

Input & Output Cards



SEADA Technology Ltd

www.seada.co.uk



SWPro Video Wall Controller Input Cards

1. SWPro-IN-HDMI4
2. SWPro-IN-DVI4
3. SWPro-IN-3SD4
4. SWPro-IN-VGA
5. SWPro-IN-OF4
6. SWPro-IN-HBT4
7. SWPro-IN-SDI4
8. SWPro-IN-IP16
9. SWPro-IN-IP4K
10. SWPro-IN-DP2
11. SWPro-IN-UHM2
12. SWPro-IN-DL2
13. SWPro-IN-DP60
14. SWPro-IN-UHM60
15. SWPro-DC

1. SWPro-IN-HDMI4

4 channels HDMI input card



Input Ports	HDMI Type A
Input Format	HDMI 1.3
HDCP	1.3
Audio	4 x embedded audio
Colour Space	RGB, YUV
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1200@60Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.40 kg

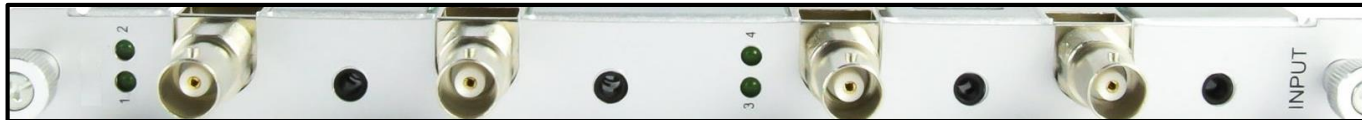
2. SWPro-IN-DVI4 4 channels DVI input card



Input Ports	DVI-I
Input Format	DVI 1.0
HDCP	1.3
Audio	4 x analog audio (with adaptor)
Colour Space	RGB, YUV
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1200@60Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.45 kg

3. SWPro-IN-3SD4

4 channels CVBS input card



Input Ports	BNC
Input Format	CVBS
Impedance	75 Ω
Audio	4 x 3.5mm jack
PAL / NTSC Auto Support	Yes
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 720×576i@50Hz
Customised EDID	Yes
Power Consumption	20 W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.5 kg

4. SWPro-IN-VGA4

4 channels VGA input card



Input Ports	DB15
Input Format	RGBHV
Impedance	75 Ω
Audio	4 x 3.5mm Jack
Colour Space	RGB
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1200@60Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.45 kg

5. SWPro-IN-OF4

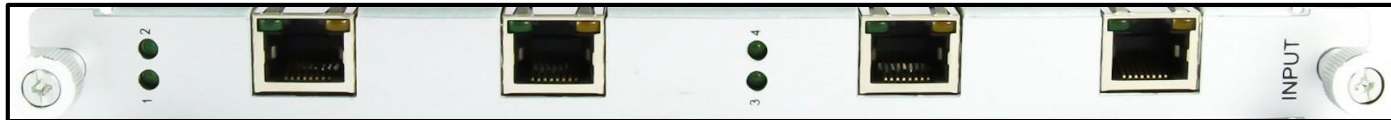
4 channels fibre optical input card



Input Ports	LC
Modular	SFP +
Fiber	Single Mode
Audio	4 x embedded audio
Wave Length	1310 nm
Max Distance	10 km
Hot Swap	Yes
Resolution	Up to 1920×1200@60Hz
Customised EDID	Yes
Power Consumption	20 W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.50 kg

6. SWPro-IN-HBT4

4 channels HDBaseT input card



Input Ports	RJ45
Input Format	HDBT 1.0
Impedance	100 Ω
Audio	4 x embedded audio
Max Distance	100 m
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1200@60Hz
Customised EDID	Yes
Power Consumption	20 W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.50 kg

7. SWPro-IN-SDI4

4 channels SDI input card



Input Ports	BNC
Input Format	SD-SDI / HD-SDI/3G-SDI
Impedance	75 Ω
Audio	4 x embedded audio
Signal Level	800mVp-p
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1080@60Hz
Customised EDID	Yes
Power Consumption	20 W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.45 kg

8. SWPro-IN-IP16

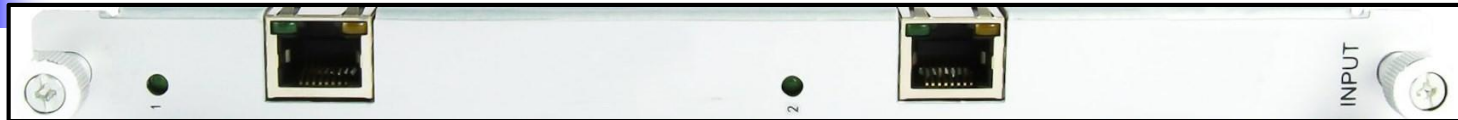
16 1080P IP input card



Input Ports	RJ45
Input Format	IP streaming
Input Protocol	H.264 / H.265
Input Port Amount	2
Decode Ability	4 x 1080@60Hz or 16 x 1080@30Hz or 36 x 720@30
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1080@60Hz
Customised EDID	Yes
Power Consumption	35 W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.5 kg

9. SWPro-IN-IP4K

2 4K IP input card



Input Ports	RJ45
Input Format	IP streaming
Input Protocol	H.264 / H.265
Input Port Amount	2
Decode Ability	2 x 2160@30 or 8 x 1080@60Hz or 18 x 1080@30Hz
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1080@60Hz
Customised EDID	Yes
Power Consumption	35 W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.5 kg

10. SWPro-IN-DP2

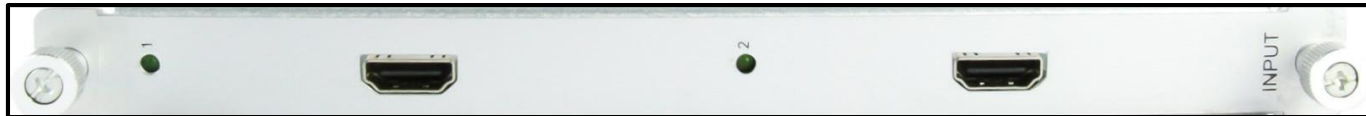
2 channels 4K DP input card



Input Ports	DP TYPE A
Input Format	DP 1.1
Maximum Pixel Bandwidth	297 MHz
Audio	2 x embedded audio
Colour Space	RGB, YUV
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 4096×2160@30Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.45 kg

11. SWPro-IN-UHM2

2 channels 4K HDMI input card



Input Ports	HDMI Type A
Input Format	HDMI 1.4
HDCP	1.4
Audio	2 x embedded audio
Colour Space	RGB, YUV
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 4096×2160@30Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.40 kg

12. SWPro-IN-DL2

2 channels 4K dual-link DVI input card



Input Ports	24+5 pin DVI
Input Format	Dual-Link DVI
Maximum Pixel Bandwidth	297 MHz
Audio	2 x 3.5mm jack
Impedance	50 Ω
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 4096×2160@30Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.4 kg

13. SWPro-IN-DP60

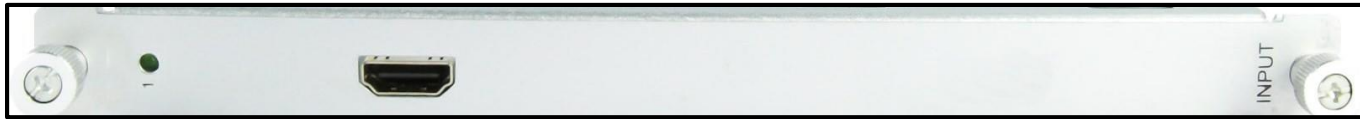
1 channel 4K@60 DP input card



Input Ports	DP TYPE A
Input Format	DP 1.2
Maximum Pixel Bandwidth	594 MHz
Audio	1 x embedded audio
Colour Space	RGB, YUV
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 4096×2160@60Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.50 kg

14. SWPro-IN-UHM60

1 channel 4K@60 HDMI input card



Input Ports	HDMI Type A
Input Format	HDMI 2.0
HDCP	2.2
Audio	1 x embedded audio
Colour Space	RGB, YUV
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 4096×2160@60Hz
Customised EDID	Yes
Power Consumption	20W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.50 kg

15. SWPro-DC 8 channels KVM USB card



The KVM (Keyboard, Video and Mouse) control card, consisting of 8 USB Type B ports, can be connected and bound to 8 source PCs for keyboard and mouse remote control functions.

It enables users to control the content on the PC remoted on the video wall.



SWPro Video Wall Controller Output Cards

1. SWPro-OT-DVI4
2. SWPro-OT-HDMI4
3. SWPro-OT-UHM2
4. SWPro-OT-FHM2
5. SWPro-MP

1. SWPro-OT-DVI4

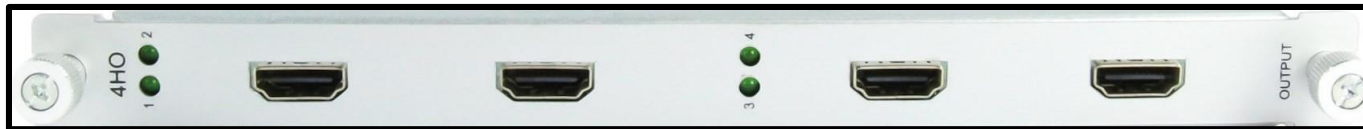
4 channels DVI output card



Output Ports	24+5 pin DVI
Output Format	DVI 1.0
Maximum Pixel Bandwidth	165 MHz
Audio	4 x analog audio (with adaptor)
Impedance	50 Ω
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1200@60Hz
Customised EDID	Yes
Power Consumption	30W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.45 kg

1. SWPro-OT-HDMI4

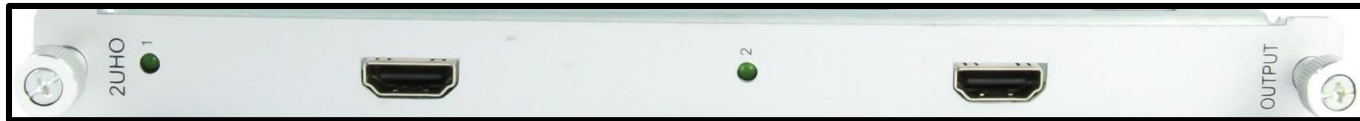
4 channels HDMI output card



Output Ports	HDMI Type A
Output Format	HDMI 1.3
Maximum Pixel Bandwidth	165 MHz
Audio	4 x embedded audio
Max Distance	15m
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 1920×1200@60Hz
Customised EDID	Yes
Power Consumption	30W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.40 kg

1. SWPro-OT-UHM2

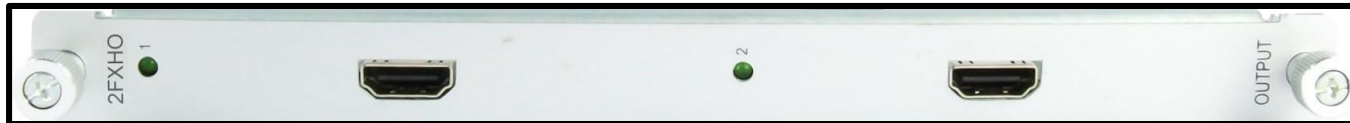
2 channels 4K HDMI output card



Output Ports	HDMI Type A
Output Format	HDMI 1.4
Maximum Pixel Bandwidth	297 MHz
Audio	2 x embedded audio
Impedance	50 Ω
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 4096×2160@30Hz
Customised EDID	Yes
Power Consumption	30W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.40 kg

1. SWPro-OT-FHM2

2 channels 4K@60 HDMI output card



Output Ports	HDMI Type A
Output Format	HDMI 2.0
Maximum Pixel Bandwidth	594 MHz
Audio	2 x embedded audio
Max Fresh Rate	120 Hz
Colour Depth	32bit
Hot Swap	Yes
Resolution	Up to 4096×2160@60Hz
Customised EDID	Yes
Power Consumption	30W
Dimension (WxDxH)	195×220×22 (mm)
Weight	0.40 kg

1. SWPro-MP video wall mapping output card



This video wall mapping output board consists of 1 RJ45 interface and 2 HDMI interfaces, which supports embedded audio transmission and H.264 and H.265 encoded output.

The interface of the graphics card can capture the whole video wall, and output the capture of the video wall to one screen anywhere.

It can capture and output up to two video walls via HDMI or IP streaming via RJ45. It is useful for senior management to monitor the whole video wall in their offices without being in the control room.

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