

WHAT'S NEW

FROM CRYSTAL VISION?

We are delighted to introduce the latest software apps for our flexible MARBLE-V1 media processor hardware – a card housed in our Vision 3 frame. These apps can work with IP, with SDI or with both at the same time, giving the easiest possible SDI to IP upgrade as well as being perfect for mixed SDI and IP installations as well as fully IP or fully SDI environments. The MARBLE platform also makes it easy for us to create custom functionality to make your IP or SDI do exactly what you want – so why not contact us now on sales@crystalvision.tv and tell us how we can help.

What is the MARBLE-V1 media processor?

Web page keying

Video delay

Shared hardware platform = many tasks

Powerful CPU/GPU processor = perform any task or combinations of tasks

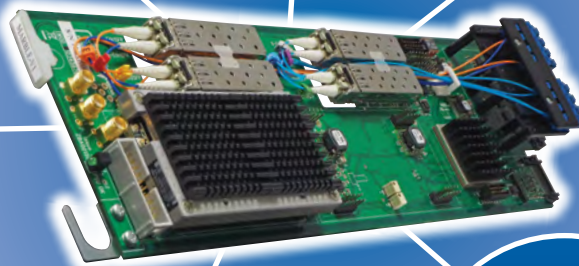
I/O flexibility = six bi-directional SDI, four 10GbE SFP+ network interface and eight bi-directional discrete AES

Picture-in-picture

Linear keying

Legalising

No need to choose between IP and SDI = apps can work with IP, SDI or both – and include IP gateway and translation functionality



Features to help your systems work = signal monitoring, test patterns, traffic shaping, synchronisation, video delay, SDI relay bypass protection and more

Colour correction

IP to IP translation

Chroma keying

Change the functionality completely = install a different app

Software-based platform = easy to create custom products or add features

Profanity delay

IP signal conversion

Fail-safe switching

Chroma keying



IP (ST 2022 or ST 2110) or SDI



IP (ST 2022 or ST 2110) or SDI

What is it? IP/SDI chroma keyer.

Select it because... It's the best chroma keyer we've done – from the output picture quality to the quad split multiviewer which makes setup detail checking easier. It's also the only standalone IP chroma keyer.

Find out more...

Keying

Web server graphics and key signal

IP (ST 2022 or ST 2110) or SDI

M-WEBKEY

IP (ST 2022 or ST 2110) or SDI

What is it? IP/SDI web page keyer – which can add still, animated and data-driven graphics or text to a video stream by keying the contents of a web page.

Select it because... You'll reduce the cost of creating broadcast graphics and enjoy a simpler workflow.

[Find out more...](#)

SCOREBOARDS

LOGOS

"CAPTIONS"

WWW

IP (ST 2022 or ST 2110) or SDI

M-KEY

IP (ST 2022 or ST 2110) or SDI

What is it? IP/SDI linear keyer.

Select it because... If you're looking for an IP linear keyer, it's the only one.

[Find out more...](#)

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Picture scaling



IP (ST 2022 or ST 2110) or SDI

M-PIP

IP (ST 2022 or ST 2110) or SDI

What is it? IP/SDI picture-in-picture device for adding one or two boxes to the main programme.

Select it because... You want a cost-effective and feature-packed solution for your picture-in-picture effects.

[Find out more...](#)

Colour correction

IP (ST 2022 or ST 2110) or SDI

M-COCO-2

IP (ST 2022 or ST 2110) or SDI

What is it? Dual channel IP/SDI colour corrector and legaliser.

Select it because... With unique adjustments for correcting in-shot monitors, it's our most feature-packed colour corrector yet and will help your equipment budget go further.

[Find out more...](#)



Profanity delay



IP (ST 2022) or SDI

M-CLEANIT

IP (ST 2022) or SDI

What is it? IP/SDI video and audio profanity delay.

Select it because... You can tailor it to suit any workflow – with the biggest choice of cleaning options and flexible delays to event/restore – while the multiviewer output will give you total confidence in your content.

[Find out more...](#)

Video delay

100 frames 200 frames
400 frames 800 frames

IP (ST 2022
or ST 2110)
or SDI



IP (ST 2022
or ST 2110)
or SDI

What is it? Triple channel IP/SDI video delay which provides 100 frames of delay per channel (that's 4 secs in 1080i50).

Select them because...

They are ideal for matching any delays in your IP, SDI or mixed system – just pick the delay length and number of channels you need.

[Find out more...](#)

IP (ST 2022
or ST 2110)
or SDI



IP (ST 2022
or ST 2110)
or SDI

What is it? Dual channel IP/SDI video delay which provides 200 frames of delay per channel (that's 8 secs in 1080i50).

IP (ST 2022
or ST 2110)
or SDI



IP (ST 2022
or ST 2110)
or SDI

What is it? Dual channel IP/SDI video delay which provides 400 frames of delay per channel (that's 16 secs in 1080i50).

IP (ST 2022
or ST 2110)
or SDI



IP (ST 2022
or ST 2110)
or SDI

What is it? Single channel IP/SDI video delay which provides 800 frames of delay (that's 32 secs in 1080i50).

Fail-safe switching

IP (ST 2022
or ST 2110)
or SDI



IP (ST 2022
or ST 2110)
or SDI

IP (ST 2022
or ST 2110)

What is it? Dual channel IP/SDI 2 x 1 fail-safe routing switch.

[Find out more...](#)

IP (ST 2022
or ST 2110)
or SDI



IP (ST 2022
or ST 2110)
or SDI

IP (ST 2022
or ST 2110)

What is it? Dual channel IP/SDI 2 x 1 fail-safe routing switch and EBU R 103 legaliser.

[Find out more...](#)

Select them because...

They will guarantee you a clean switch, whether used as a planned maintenance switch or as a sophisticated auto changeover switch with ten fault conditions to trigger the switch. The M-SAFESWITCH-2L will also clip illegal RGB signals to meet the EBU R 103 recommendation.

IP signal conversion

SDI



What is it? SDI to IP gateway.

IP (ST
2022
or ST
2110)

Select them because...

By being six channel these gateways will save you money and rack space, while all the extra features make it easy to get and keep your IP systems working.

[Find out more...](#)

IP (ST
2022
or ST
2110)



What is it? IP to SDI gateway.

IP (ST 2022
or ST 2110)



IP (ST 2022
or ST 2110)

What is it? IP to IP translator.

Select it because... It's ideal for solving any IP problems, with its network address translation, protocol conversion, unicast to multicast address conversion and ability to create media firewalls for security isolation.

[Find out more...](#)