Coupled with the powerful Monarch EDGE decoder, the Monarch EDGE encoding device offers exceptional quality at the lowest latency while securely transporting your video feeds from the event to the centralized production facility. This compact, robust, and low-power remote production (REMI) encoder/decoder pair has made producing live, multi-camera events more affordable than ever by keeping talent in-house. Programs destined for web or over-the-top (OTT) delivery to the cloud can select the 4:2:0 8-bit encoder version, while the 4:2:2 10-bit capable version of the Monarch EDGE encoding device is ideal for demanding, broadcast-quality productions.

For more information
www.matrox.com/edge
First-Party Solution
Cloud-Based Option

Option 1
Third-Party Solution
Cloud-Based Option

SDI
SDI
SDI
SDI

Program Out

4x 1080p60 20Mbps

SDI

SDI

SDI

SDI

Gemini

Option 2
Third-Party Solution
In-House Option

Program Out

4x 1080p60 20Mbps

Local Preview over DisplayPort

Public/Private Cloud-based Remote Production

Affordably produce live multi-camera events by minimizing on-site expenses and keeping your talent in-house. Monarch EDGE synchronizes and delivers raw high-quality camera feeds from the field over IP to a centralized live production system. Broadcasters can, in turn, improve efficiency and minimize costs by using these in-house or cloud-based production systems to produce high-quality live programming. With remote production, fewer staff and equipment are required in the field—lowering travel expenses and logistical costs. The studio is also able to cover multiple events in a single day with the same personnel.

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