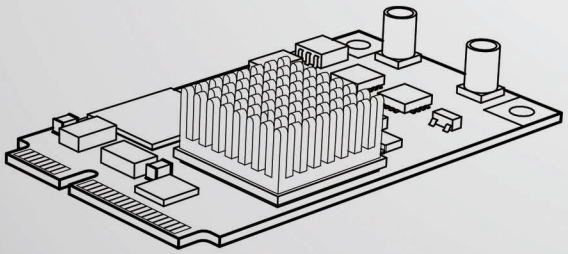
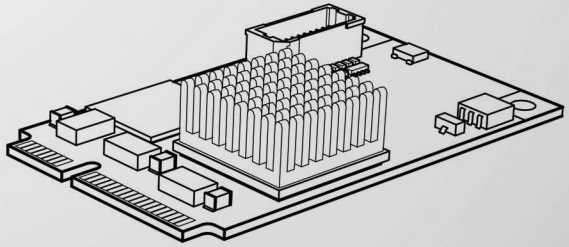
MAGEWELL™
Digital Video Essentials

Pro Capture Family
www.magewell.com/capture/pro-capture

MINI CAPTURE CARDS



Pro Capture Mini SDI
Part number: 11130

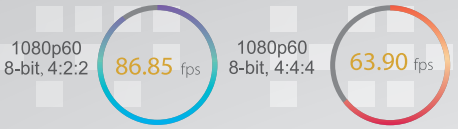


Pro Capture Mini HDMI
Part number: 11110

* Different heat sinks of the cards are available upon request.

Measured Frame Rate

· PCIe 2.0 interface enables Full HD capture at frame rates exceeding 60fps



Choice of Heat Sinks

Provide 2 types of heat sinks to meet user's need



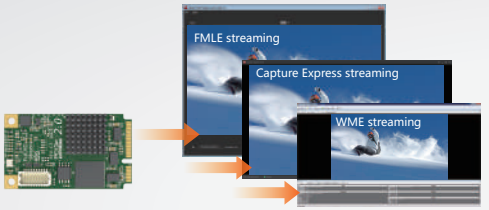
Pro Capture Mini HDMI SH
PN: 11110



Pro Capture Mini HDMI LH
PN: 11111

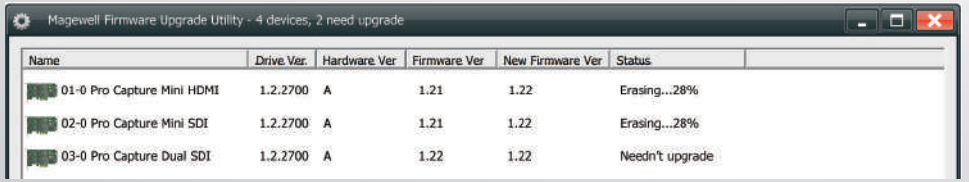
Multiple Simultaneous Streams

· Output each video source as multiple streams to separate applications
· Independent resolution, frame rate and video processing on each stream
· Broadcast, record and preview simultaneously



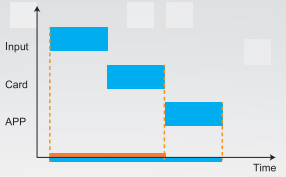
User-Upgradeable Firmware

· Optimize or enhance the card without changing the hardware
· Users can easily upgrade one or multiple cards simultaneously
· Most firmware upgrades are free of charge

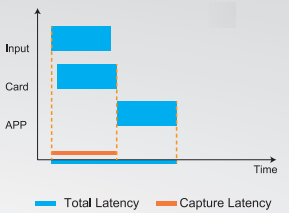


Low-latency Mode Minimizes Capture Latency

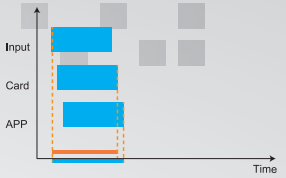
· Super low video processing and transmission latency may be as low as 64 video lines (e.g. capture latency for 1080p60 RGB and YUV2 may be less than 1ms)



Normal Mode



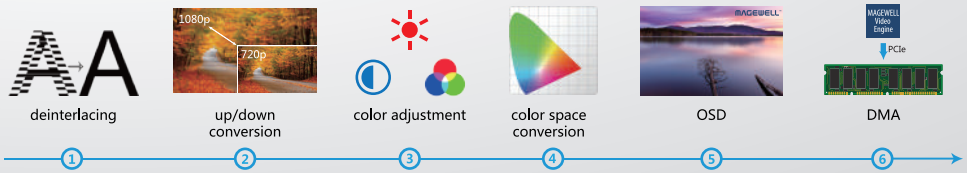
Low Latency Mode



Low Latency Mode &
Partial Completion Notification

CPU-free Video Processing

· Magewell Video Engine delivers high-quality video enhancements
· Hardware-based video processing requires ZERO CPU usage
· 4:4:4, 10-bit RGB and YUV support



4:4:4 10 bit, YUV or RGB

Technical Specifications

	Captured Signal	Interfaces	Input Features	Capture Resolution & Frame Rate	Capture Color Space	OS Compatibility	Software Compatibility
Pro Capture Mini HDMI	1 HDMI + embedded audio	Input: SHD x1 Host: Mini PCIe 2.0 x1	225MHz HDMI receiver Typical resolution s: 1080p60/59.94, 1080i60/59.94, 1080p30, 1080i30, 720p60, 720p30, SD	Max resolution: 2048 x 2160 Max frame rate: 144fps *The actual figure may be limited by PCIe bandwidth and the pixel clock of the on-board video processing engine.*	4:2:0 , 8-bit: NV12, I420, YV12 4:2:2 , 8-bit: YUY2, YUYV, UYVY 4:4:4 , 8-bit: V308, IYU2, V408, BGR24, BGR32 4:4:4 , 10-bit: V410, Y410 *More are available when SDK for Windows v3.x is used.*	· Windows (x86 and x64) 10/7/8/8.1/2008/ 2008 R2/2012/2016 · Linux (x86, x64 and ARM) · OS X 10.9–10.11 · macOS 10.13	Compatible with most software based on DirectShow architecture, such as Windows Media Encoder, Adobe Flash Media Live Encoder, OBS, VLC, Wirecast, XSplit, vMix, Video Stitch, Skype, etc.
Pro Capture Mini SDI	1 SDI + embedded audio	Input : MMCX x1 Loop-through : MMCX x1 Host: Mini PCIe 2.0 x1	SD/HD/3Ga/3Gb/3Ga-DL /3Gb-DS Typical resolution s: 1080p60/59.94, 1080i60/59.94, 1080p30, 1080i30, 720p60, 720p30, SD				

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