

Key Digital SDI Blaster Functionality Comparison Sheet

Criteria	Key Digital	Doremi/Gefen
Outputs	RGBHV & DVI	DVI
Inputs	SDI-HD/SD	SDI-HD/SD, RGBHV
Input resolutions	720x480i, 720x480p, 1280x720p, 1920x1080i, 1920x1080p/24 and 1920x1080p/24 segmented	720x480i, 1280x720p, 1920x1080i, 1920x1080p/24
User controlled Aspect Ration	Yes from 16:9 to 4:3 and vice versa	No
Output Resolutions	720x480p, 1280x720p, 1280x768p, 1920x1080i, 1920x1080p, 800x600p, 1024x768p, 1280x1024p, 1920x1200p interlace and progressive - fully user control	1024x768, 1280x720, 1280x760, 1280x1024, 1600x1200, 1920x1080, 1920x1200 progressive only - no user control
Resolution output control method	Set by the user	Cannot set by the user Monitor auto control
De-interlacing	Motion assisted, 3:2 pull down film and video mode, Clear Matrix Pro	Simple video mode, no motion assist, no 3:2 pull down – “jagged edges”
Horizontal and Vertical Image position control	Yes	No
Horizontal and Vertical Image size control	Yes	No
Infra Red Remote	No	Yes
RS232 Interface	Yes	No
Front LCD and pushbuttons	Yes	No
Built in long SDI cable equalizer	Yes 300 feet for HD and 700 feet for SD	No, short SDI connection only
RS-232 Firmware Upgradeable	Yes	No

