

FLEX CONTROL NETWORK® SUPPORTED DEVICES AND CONTROL PROTOCOLS

Revision

04/22/08 Original document
01/16/10 Updated
01/17/11 Updated
01/9/12 Updated

VTR-LIKE DEVICES

Device / Control Protocol	Status	Notes
360 Systems VDCP variant	Available	
Grass Valley AMP Control Protocol	Available	Serial & Ethernet versions supported
Harris/ Leitch Nexio Control Protocol	Available	Proprietary superset of Odetics
Odetics Control Protocol	Available	
Omneon VDCP Variant supports Sub-clipping	Available	Serial & Ethernet connection to video server
Sony BVW Control Protocol	Available	
Sony BVW with TBC Control Protocol	Available	
Sony XDNEWS	Available	
VDCP Control Protocol	Available	

SWITCHER-LIKE DEVICES

Device / Control Protocol	Status	Notes
Grass Valley M2100 Tally Protocol	Available	Monitor M2100 master control switcher tallies
Grass Valley M2100 Editor Control Protocol	Available	Control & Monitor
Grass Valley 100/200 Editor Protocol	Available	Control
Grass Valley Indigo	Available	Control. Non-compliant variant of GV100/200 protocol
Grass Valley Kalypso / Kayenne	Available	Monitor Serial tallies
Grass Valley Maestro	Available	Control & Monitor
Harris IconMaster Tally Protocol	Available	Monitor
Harris IconMaster Editor Control Protocol	Available	Monitor and Controls
NVISION Matrix Control Protocol Emulator	Available	Emulate level on NVISION router controlled by NV9000.
NVISION Master Control Switcher Automation Control Protocol	Available	Monitor tallies. Control source selection, keyers, and audio over.
Panasonic AV-HS300/ 400 / 450	Available	Control & Monitor
Ross Video Crossfire	Available	Control & Monitor
Snell Kahuna	Available	Monitor Serial tallies
Sony MVS/DVS Serial Tally Protocol	Available	Monitor Sony production switcher tallies.
Sony MVS/DVS Automation Control Protocol	Available	Control & Monitor. Serial control of crosspoints, keyers, and transitions.

ROUTER-LIKE DEVICES

Device / Control Protocol	Status	Notes
Evertz Quartz/ XENON Router	Available	Control & Monitor
Grass Valley M2100 Serial Tally Protocol	Available	Monitor M2100 master control switcher tallies
Grass Valley M2100 Editor Control Protocol	Available	Control & Monitor
Grass Valley 100/200 Editor Protocol	Available	Control & Monitor (GV 100/200 implementation dependent)
Grass Valley Indigo	Available	Control. Non-compliant variant of GV100/200 protocol
Grass Valley Encore RCL Protocol	Available	Control & Monitor
Grass Valley Maestro	Available	Control & Monitor
Grass Valley Jupiter	Available	Control & Monitor (ES Switch)
Harris/ Leitch Panacea & Platinum Control Protocol	Available	Ethernet based monitor and control
NVISION Video / Audio Matrix Control Protocol	Available	Directly control audio and video matrices bypassing NV9000
Pesa	Available	Control & Monitor (PRC2000)
Utah Scientific SC4 Control Protocol	Available	Ethernet based monitor and control

GRAPHIC-LIKE DEVICES

Device / Control Protocol	Status	Notes
Chyron XClyps	Available	Control & Monitor. Supports VDCP plus Sequence Extensions
Chyron Duet/ HyperX	Available	Control
Intelligent Interface Control Protocol	Available	Control

OTHER DEVICES

Device / Control Protocol	Status	Notes
Peripheral Bus Control Protocol	Available	Receive and process production switcher PBUS commands
VBUS Control Protocol supports 15,000+ recall registers	Available	Superset of PBUS functionality for Sony MVS/DVS production switchers using VDCP.
GPI Monitor	Available	Part of GTP-32. Also supported by Combinatorial Logic
GPO Control	Available	Part of GTP-32. Also supported by Combinatorial Logic
Evertz MVP & VIP Multi-viewer	Available	Serial & Ethernet control of under monitor display text
Evertz MVP Tally Objects	Available	Serial control of Tally Objects ON/OFF.
ENPS MOS Gateway	Available	
Avid iNews MOS Gateway	Available	
ASCII / HEX String Control protocol	Available	Serial & Ethernet support for user entered command strings