

MiniQ MODULAR MULTIVIEWER

Key Features

- Single frame processing delay
- Low power consumption (15W per MiniQ)
- Hot swappable boards and power supplies
- Compact in depth (10 inches / 25 cm)
- Upgradable to supports 4K/UHD inputs
- 4 auto-detect 3G/HD/SD-SDI, composite PAL/NTSC inputs
- Any module can be removed to work as a standalone
- Up to 8 modules can be inserted into a 3RU frame
- Up to 3 modules can be inserted into a 1RU frame
- 16 channels of embedded audio per SDI input
- Multiple outputs in DVI, HDMI, SDI, or VGA (optional)
- Output resolution up to 1920x1200 (incl. 1080p)
- Built-in CATx extender - extend 1080p up to 115 feet with optional receivers
- UMD, tallies, borders
- Automatic input aspect ratio detection
- Built-in video/audio alarm detections - no audio, audio high/low, no video, video black, video frozen
- 3 year limited warranty

Accessories

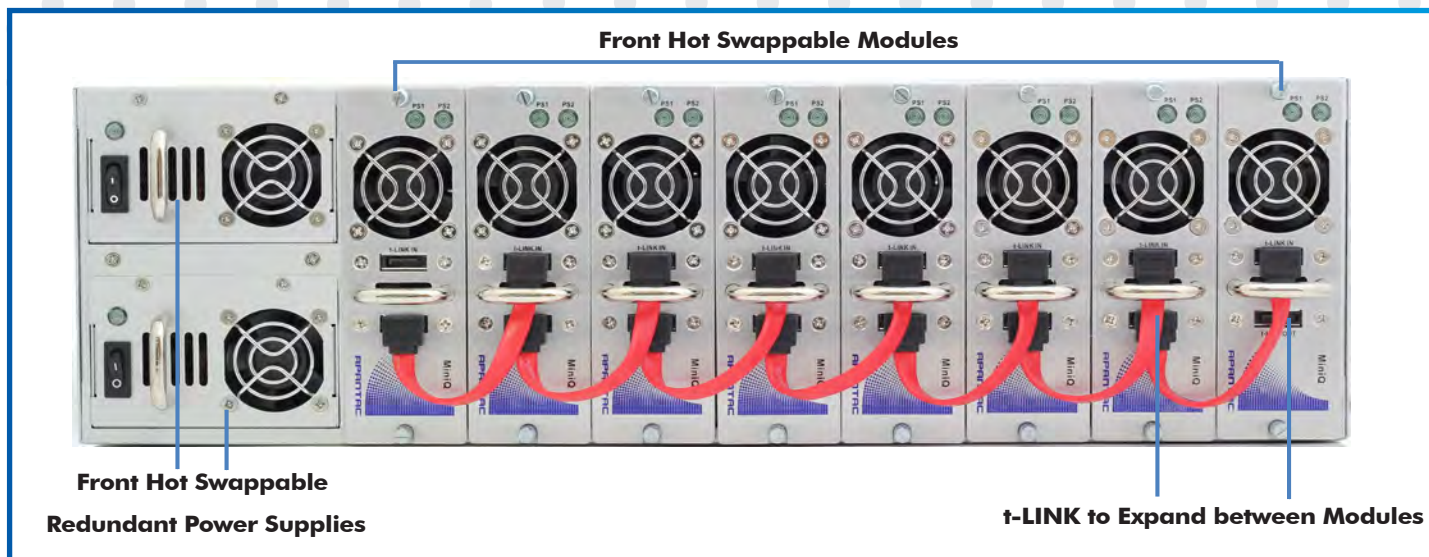
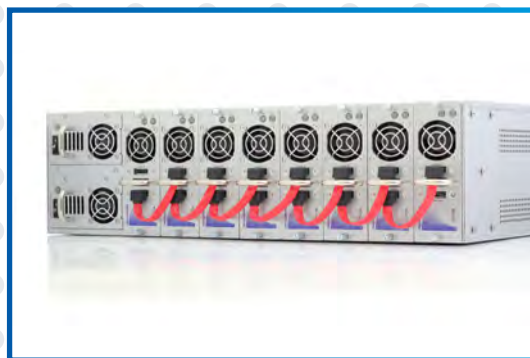
Standard

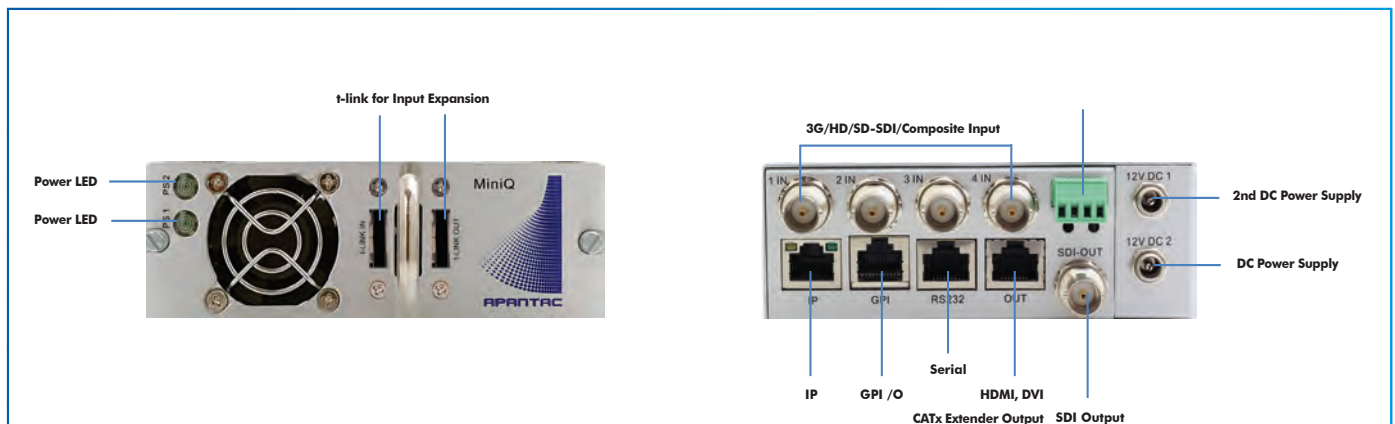
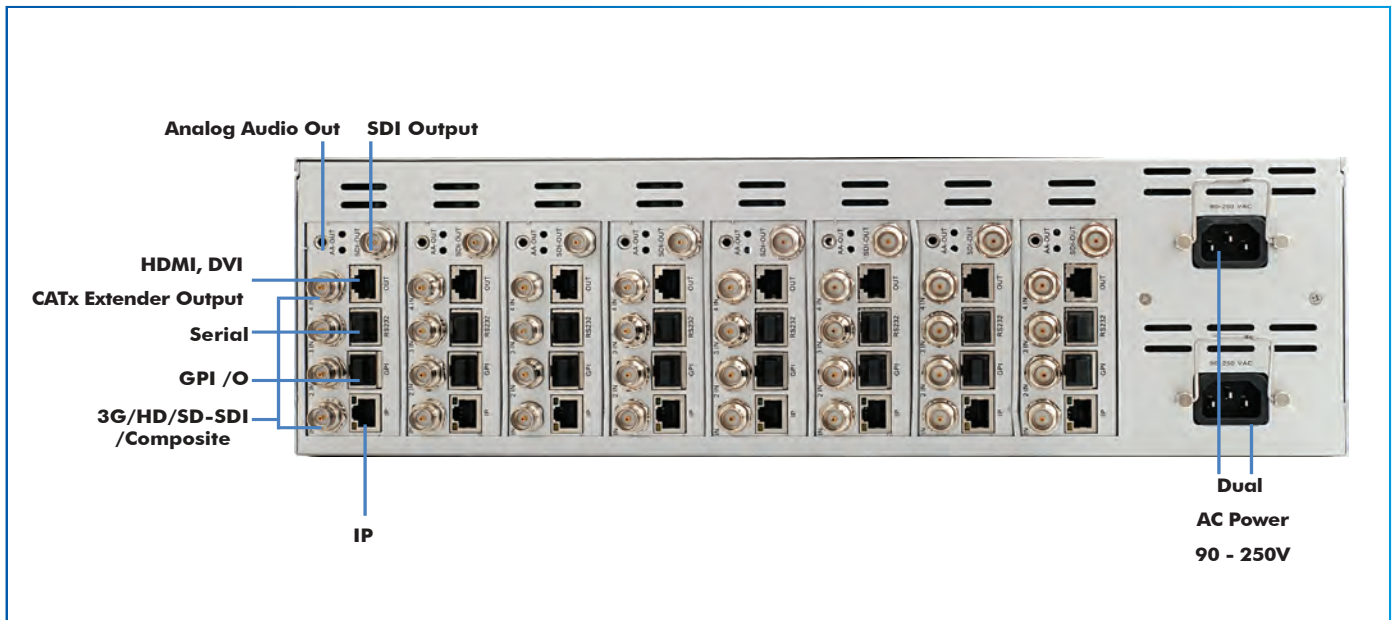
- Hot swappable redundant power supplies on the 3 RU Rackmount
- 9 feet of CAT6 to HDMI cable
- RJ50 to DB9 for GPI
- RJ45 to DB9 for Serial
- CD (software, manual)
- Rack mount

Options

- HDMI to DVI adapter
- RJ45 (HDMI) to VGA receiver
- DC 12V standalone power supply

Designed with OB Vans & Mobile Truck in Mind





TAHOMA MINIQ MODULAR MULTIVIEWER



MiniQ-1U-FR mount with 3 x MiniQ - Rear

SPECIFICATIONS

Video Inputs	Up to 4 3G/HD/SD-SDI, Composite (PAL/NTSC)	Outputs	DVI, HDMI, SDI, VGA (optional)
Connectors	BNC IEC 61169-8 Annex A	Output Resolution	800 x 480 - 1920 x 1200 (1080p)
Total Windows	4 auto-detect inputs. 3G/HD/SD-SDI/CVBS. Up to 8 modules can be cascaded together to form 32 inputs	Built-in Extender	Up to 35 feet with passive receiver Up to 115 feet with active receiver (option) Up to 300 feet with HDBaseT Extender (option) Up to 1500 feet with Fiber Optic Extender (option)
Serial Digital	SMPTE 424M, 292M, 259M	On Screen Display	Borders, labels, tally UMD, OMD, IMD, dynamic UMD
Equalization	120m at 2.97 Gbps, 140m at 1.48 Gbps, 400m at 270 Mbps with Belden 1694A	General Purpose IO	Up to 8 inputs with RJ45 - DB9 connectors
Return Loss	> 15db up to 1.485 Gbps > 10db up to 3G	Serial Port	Connector: RJ45, Baud Rate up to 115200 Format, TSL, TSI, AXP
Embedded Audio	SMPTE-272M-A	IP	100 Base-Tx, TSL, AXP Connector: RJ45
Composite	NTSC (SMPTE-170M), PAL (ITU 624-2)	Electrical	15W, 90-250V 50/60 Hz - standalone 120W, 90-250V 50/60 Hz - 3RU frame
Signal Level	1V nominal	EMI /RFI	Complies with FCC Part 15 Class A, CE, EU EMC, C-tick
DC Offset	0V, + - 0.1V	Power	DC 12V power supply for standalone units. Standard redundant power supply for 3 RU Rackmount
Impedance	75 ohm for BNC	Size	Compact, 13.34 cm (5.25") 1RU, 25 cm (10") 3RU, 25 cm (10")
Return Loss	40db up to 5MHz		
Alarms	No audio, audio high/low, no video, video black, video frozen, WSS, AFD		
Control	Front panel buttons for quick preset recalls, GPIs, Apantac ASCII Protocol (AXP), Director (Config & control app)		

MiniQ and TAHOMA Classic Comparison

FEATURES	MiniQ	TAHOMA CLASSIC
Hot swappable quads	Yes	No
Hot swappable power supplies	Yes	No
Redundant power supplies	Yes	Yes
Maximum quad cascade	8	16 (LE-64)
Chassis depth	10 inches (25 cm)	15.7 in (40 cm) , 19.7 in (50 cm) , or 23.6 in (60 cm)23.6 in
Input auto detect	Yes	Yes
Decode and display 16 channels of embedded audio	Yes	Yes
AA/AES Audio input option	No	Yes
Up to 30 presets saved in flash memory	Yes	Yes
Fast boot-up time (< 12 seconds)	Yes	Yes
3G, HD/SD-SDI, and composite support	Yes	Model / option dependent
Output: HDMI, DVI, or VGA (option) over CAT 5e/6	Yes	Yes
SDI Output	Yes, standard	Option
Skin Technology	No	Yes
Safe Area - Two per window	Yes	Yes
Up to 4 labels per window	Yes	Yes
Window size & position can be freely adjusted - 16:9, 4:3 or free aspect ratio	Yes	Yes
Full screen capability	Yes	Yes
Aspect ratio auto detect by frequency or WSS / AFD	Yes	Yes
Digital clock / counter	Yes	Yes
Analog clock & logo	No	Yes
Clocks sync to LTC	No	Yes
Clocks sync to NTP	Yes	Yes
Analog stereo audio monitoring output	Yes	Yes
AES audio monitoring output	No	Yes
GPI Tally (8 per quad)	Yes	Yes
GPI/O for control / alarm	No	Yes
IP port for control and configuration, tally and label (TSL)	Yes	Yes
RS232 port for control, tally, & label management (TSL)	Yes	Yes
Video presence / format, frozen, black, WSS, AFD alarm detection	Yes	Yes
Audio presence, high or low alarm detection	Yes	Yes
SNMP support	No	Yes
Front panel buttons for quick presets recall	No	Yes
ASP (Apantac Software Panel) and touch panel support	Yes	Yes
Director configuration and control software	Yes	Yes
Standard 3 year warranty	Yes	Yes