

- Receiver/remodulator unit to receive 8VSB RF and output 8VSB RF
- Full color touchscreen display, with Ethernet and SNMP
- Internal RF isolator (UHF)
- Loss of Transport Stream Alarm, ASI I/O
- Ultra-efficient switching power supply
- All SI and tables from transport stream can be routed out
- PSIP Updating/Rebranding
- Can add/drop/restamp names/components at PID level
- Includes Failover/Slate or IP Input/output (User choice)
- 2 Year Warranty

RF INPUT/OUTPUT CHARACTERISTICS

Transmodulator Format	Input: ATSC (8VSB) off air Output: ATSC (8VSB)
Power Level	Adjustable -17 to 0 dBm
Impedance	Output of amplifier 50 Ω, N female (others available)
Features	Can assign major/minor channel numbers. PSIP Updating/Rebranding

DVB-ASI Input/Output

Transport Stream	Interface: 4 BNC, 75Ω (2 x ASI input, 2 x ASI output) Max Bitrate: 100Mbps Packet Type: 188/204 Bytes
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*IP Input/Output (Optional)

IP Streaming	Interface: 4 BNC, 75Ω (2 x ASI input, 2 x ASI output) Max Bitrate: 100Mbps Packet Type: 188/204 Bytes Traffic Type Unicast and Multicast FEC ProMPEG CoP3v2 TCP/IP Protocol IPv4 IGMP V1, 2 and 3
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Note: Customer can choose between IP I/O or the Failover/Slate.

*FAILOVER/SLATE (Optional)

SLATE	Upon signal lost, the unit will automatically change its input selection to Fail-Over (slate)
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Note: Customer can choose between IP I/O or the Failover/Slate.

ELECTRICAL CHARACTERISTICS

Flexible AC Input	Amplifier/PSU: 180-264 Vac, 47 - 63 Hz Transmodulator: 100-240 Vac, 50 - 60 Hz
AC Consumption	Amplifier: 2,050W typical [208Vac/9.8Aac] (dependent on frequency) Transmodulator: 65W max

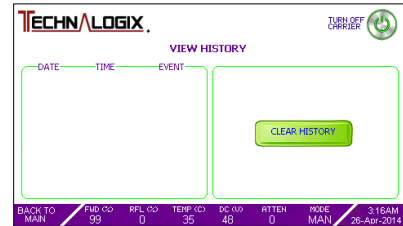
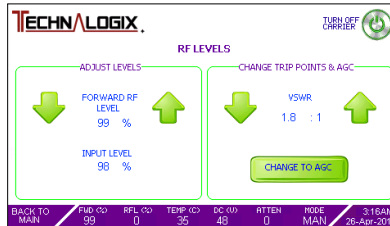
** Due to continuous product improvements, Technalogix reserves the right to change specifications without notice. **

PHYSICAL FEATURES

Minimal Rack Space	Amplifier:	5U (H) x 25" (D) x 19" (W)
	Power Supply:	3U (H) x 25" (D) x 19" (W)
	Transmodulator:	1U (H) x 16.5" (D) x 19" (W)
Lightweight Enclosures	Amplifier:	70 lbs aluminum
	Power Supply:	30 lbs aluminum
	Transmodulator:	13 lbs aluminum
Operating Temperature	0 to +45° C	
Humidity	90%, non-condensing	

INTERFACE

DB25 Remote Port	Control:	RF carrier on/off, RF power up/down, reset
	Monitor:	Forward/reflected RF level, control PCB Vcc
	Flags:	Overdrive, VSWR (adjustable trip point), high temperature
Ethernet	Control:	RF carrier on/off, RF power up/down, AGC/manual mode, change VSWR trip point, reset
	Monitor:	Forward/reflected RF level, pallet voltage, RF input level, temperature, VSWR trip point, model/serial number
	Flags:	Carrier on/off, overdrive, pallet voltage, VSWR, RF input, temperature, AGC / manual
SNMP	Control:	RF carrier on/off, RF power up/down, AGC/manual mode, change VSWR trip point, reset
	Monitor:	Forward/reflected RF level, DC pallet voltage, RF input level, temperature, pallet current, attenuation, run time, RF fault, model/serial number
	Flags:	Overdrive, VSWR, temperature, SNMP error



Screenshots off Touchscreen Interface



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