

- 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 10 – 100% through amplifier
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	Connector Type RJ45, single Port Speed Up to 1000Mbps Package Format UDP & RTP 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.

ELECTRICAL CHARACTERISTICS

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	100-240 Vac input, 50 / 60 Hz
AC Consumption	Amplifier: 286W typical [110Vac/2.6Aac] (dependent on frequency) Transmodulator: 65W max

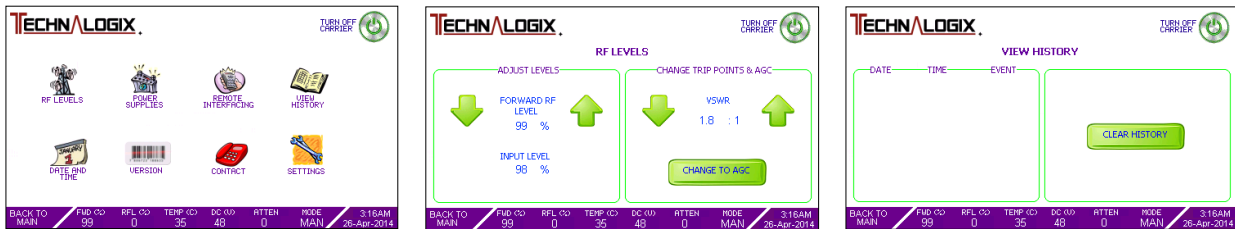
PHYSICAL FEATURES

Minimal Rack Space	Amplifier: 3U (H) x 25" (D) x 19" (W) Transmodulator: 1U (H) x 16.5" (D) x 19" (W)
Lightweight Enclosures	Amplifier: 40 lbs aluminum Transmodulator: 13 lbs aluminum
Operating Temperature	0 to +45° C Natural and forced air circulation, redundant fans
Humidity	90%, non-condensing

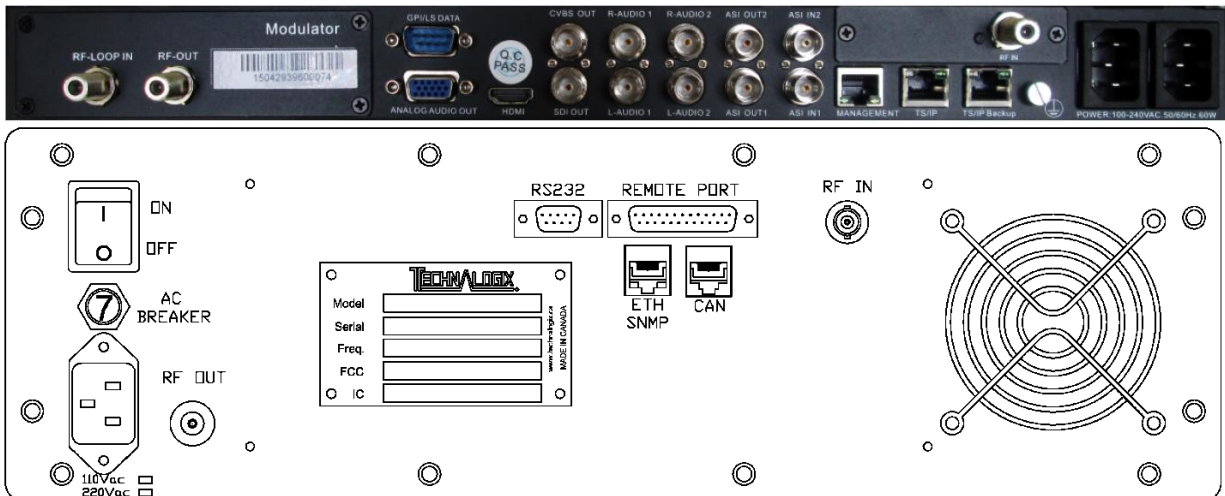
** Due to continuous product improvements, Technalogix reserves the right to change specifications without notice. **

INTERFACE

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



Screenshots of Touchscreen Interface



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