

- 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

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

#### DVB-ASI Input/Output

<b>Transport Stream</b>	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)

<b>IP Streaming</b>	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)

<b>SLATE</b>	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

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

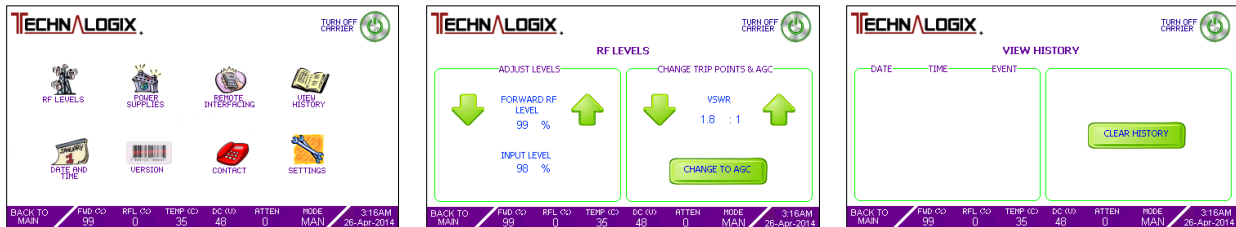
\*\* Due to continuous product improvements, Technalogix reserves the right to change specifications without notice. \*\*

#### PHYSICAL FEATURES

<b>Minimal Rack Space</b>	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)
<b>Lightweight Enclosures</b>	Amplifier:	70 lbs aluminum
	Power Supply:	30 lbs aluminum
	Transmodulator:	13 lbs aluminum
<b>Operating Temperature</b>	0 to +45° C	Natural and forced air circulation, redundant fans
<b>Humidity</b>	90%, non-condensing	

#### INTERFACE

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



Screenshots off Touchscreen Interface



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