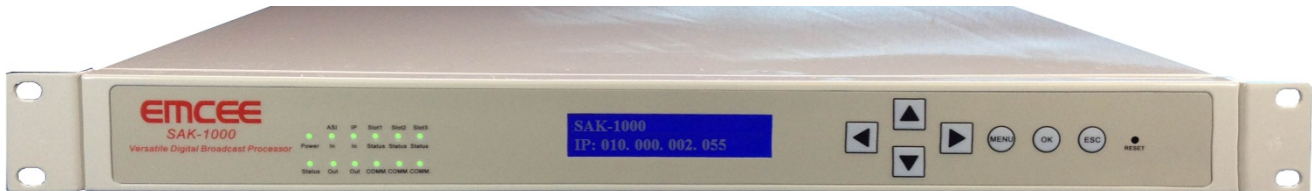


# NEW PRODUCT ANNOUNCEMENT!

FROM

# EMCEE

## SAK-1000 Versatile Digital Broadcast Processor

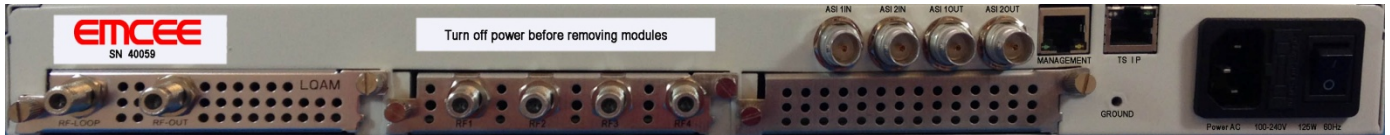


## Features & Benefits

- Any Input & Any Output Functionality
- Front Panel Keypad and LCD Display
- Supports SD & HD and Analog, MPEG 2 & 4
- 3 Module Slots Supporting More than 40 Optional Modules (Consult Factory)
- Software Controls Module Configurations
- Includes 4 Channel ATSC 8-VSB Receiver Demodulation on Input
- Includes 2 Channel ATSC 8-VSB Modulation on Output (IF both Standard and Inverted)
- Functions As a Full RF Exciter
- Up to 4 Gb/s Processing Speed
- 2 ASI Inputs/Outputs and TSolP Input
- On Board De-Mux and Multiplexing
- Supports TS & Service Multiplexing
- Supports TS & EIT Pass-Through
- Functions with ASI I/O as Multiplexer w/o modules
- Onboard PSIP Modification Included
- PID Re-Stamping & Filtering or PID Pass Thru
- Windows GUI Control, Local & Remote
- Web Based NMS
- SNMP Support for System Integration
- Compact 1 RU Footprint
- Remote Firmware Update over IP or DataCast
- Input Failure Notification, Customer Programmable JPEG
- Front Panel Keypad and LCD Display
- Front Panel LED Status Display
- E-Net Input 10/100Base-TX/GigE, RJ45
- 2 Year Parts & Labor Warranty

Available From Wireless Acquisition LLC  
2546 West Birchwood Avenue, Suite 101  
Mesa, AZ 85259  
480-315-1661/Toll Free 844-276-8373

# NEW PRODUCT ANNOUNCEMENT!



## SAK-1000 Rear Panel

### Specifications--SAK-1000 Versatile Digital Broadcast Processor

#### AC Power Input, Single Power Supply

Voltage	85-265VAC, Switching Supply
Current	Max 20Watts, <.2 Amps
Frequency	47-63 Hz

#### Environmental

Operating Temperature	0° to 50° C
Maximum Altitude	10,000 Ft., 3048 Meters, AMSL
Humidity	95%, Non-Condensing

#### RF Input

Frequency Range	57-803 MHz
Broadcast Channels	2-69
CATV Channels	1-125
Impedance	75 Ohms, (50 Ohms Optional)
Input Connector	Type 'F' Female
RF Bandwidth	6 MHz

#### Demodulator Input Board

Type ATSC, 8-VSB, Standard	Other Formats Available, Consult Factory
Adaptive Equalizer	LG Version 6, 4096 Taps
Input Data Rate	19.392658 Mb/sec
SNR (MER) Threshold	15dB
RF Sensitivity	>-63dBm UHF, >-72dBm Band III, >-82dBm Band I

#### RF Output

Frequency Range	44-850 MHz, Direct Digital
Frequency Step Size	1KHz
Frequency Accuracy	<± 2 ppm
Frequency Stability	<±2 ppm
Output Level	-20 to 0 dBm
Impedance	75 Ohms, (50 Ohms Optional)
Output Connector	Type 'F' Female
Spurious Output	-60 dBc
Return Loss (VSWR)	>17dB (VSWR 1.329:1)

#### Mechanical-Chassis

Size	19" x 1.75" x 17.25" (1RU), 480mm x 44mm x 440mm
Weight	12 Pounds
Chassis Expansion Slots	3 Available

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