

SYSTEMS ALERT MONITOR™

VIDEO+AUDIO+EMAIL STATUS MONITORING SYSTEM

Product Description

The Systems Alert Monitor ("SAM") is a comprehensive system for monitoring the equipment used in a typical broadcast facility. SAM will detect the status or alarm outputs of equipment in use, then display "Alert" text messages on a video monitor informing personnel to take necessary action.

Messages can alert personnel to respond to a system failure, e.g., OFF AIR, AUDIO FAIL, HIGH SWR. Other messages can let an observer know important system status, e.g., EAS ALERT, DOOR OPEN, NEWS UPDATE. Another use is to alert air talent of ringing phone lines, e.g., REQUEST LINE, HOT LINE, etc. Any video monitor* with an HDMI input can be used with SAM.

The Systems Alert Monitor constantly scans up to 15 "Alert" inputs. Whenever any Alert input is triggered, a text box appears on the monitor. The text, text box color, and display time for each Alert can be individually programmed by the user. SAM can also produce an audio alert, playing an audio file whenever a selected Alert is triggered. SAM is supplied

with default audio files that can be assigned to any Alert; user-supplied mp3 files can also be used. In addition to video and audio notifications, SAM can also send an email when specified Alerts are triggered.

Alert-trigger inputs to SAM can be any external "dry" GPI contact closure. There are two POTS ring detectors which can be assigned to any two Alert inputs. There are also two DC inputs for source equipment that provides a DC output (instead of a contact closure) which can be assigned to any two Alert inputs. An optional Input Isolator is available to add input isolation to six more SAM inputs. Five can be either for DC inputs or POTS lines; the sixth is for DC inputs only.

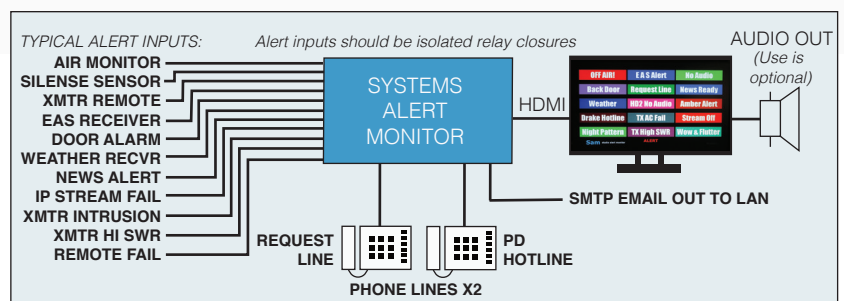
The Systems Alert Monitor is ideal for installation in any broadcast studio, transmitter plant, or control facility. It provides a convenient means of monitoring multiple systems simultaneously, and notifying personnel of important systems status or equipment failure. *Monitor not included.



SAM provides instant visual indication of systems status, important alerts, emergency and priority situations. Up to 15 messages can be displayed on a video monitor, along with audio and email alerts.

Technical Specifications

Alert Messages	User defined text, 15X
Display Time	3 sec to always ON
Audio Alerts	mp3 files, user assignable
Email Alerts	SMTP protocol via LAN
Alert Inputs	Momentary/maintained dry cont. closure, 15X
POTS Inputs	Telco ring detect, 2X, assignable
DC Inputs	5-24 VDC input, 2X, assignable
Reset Input	Closure cancels Alert messages
Video Output	HDMI video + audio
Master Output	+5 VDC / 50 mA when any Alert is active
Audio Contr. Output	+5 VDC / 50 mA when audio Alert is playing
USB ports	4, for keyboard, mouse, thumb drive for user logo, mp3 audio files
Power Input	5W, plug-in power supply included
Size	7.75" w X 4.75" d X 2.25" h, w/ mounting flanges
Optional Input Isolator	Telco ring detect or DC, 5X, assignable 5-24 VDC input, 1X, assignable



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Specifications subject to change without notice.