WIDE AREA SIGNALLING
Wide Area Warning System

Digitex DSE

- High output electronic warning system
- Stores and reproduces customized tones and voice messages
- Sound output up to 123dB @ 30m
- Battery backup built in
- Advanced control and diagnostics
- Software available for control of multiple sirens via IP or radio network at local or regional level.
- Upgradeable for future expansion

Specifications:

Sound frequency: Up to 64 alarm tones
Up to 64 voice messages
(max 8 min)
Real time voice messages
(via optional mic or from control center via IP or radio)

Fundamental frequency: 415-425Hz
(range 250Hz to 3000Hz)

Supply voltage: 240VAC (others on request)
Max current: <3A during charging

Power Consumption: <6W in standby mode
(without additional accessories)

Autonomy:
- Standby – up to 30 days in standby mode
- Alarm – up to 20 x 1min alarms.

Batteries: 2 x 12V SLA (33Ah to 65Ah depending on siren power)

Control:
- Standard – 7 x digital inputs for tone/voice message selection
- RS-232/RS-485
- local HMI for diagnostics and alarms
- Option – remote activation by hard wired pushbuttons or HMI
- wireless activation by radio modem, GSM or SMS activation
- and live voice messages by VHF/UHF

Protection: IP65
Temp rating (°C): -20 to +60 (not in direct sun)
Rating: maximum 30min alarm

Cable entry: Through cable gland plate
Construction:
- Aluminium alloy horns
- Powder coated steel control box
- (optional 316 stainless steel)

Dimensions (mm):
- Control cabinet – 800w x 1000h x 300d
- Loudspeaker horns – 610 x 600 x 140

Weight:
- Control box – up to 85kg depending on configuration
- Horns – 9kg each

Minimum recommended loudspeaker pole height is 6m