

This low voltage Druid 20LCD Fence Alarm Monitor is used to monitor fences in public areas or areas where an electric fence would be a legal concern, like a school. As the unit uses a pulse below 50V, animals or people touching the fence will not receive a shock, making it safe. An alarm will still be triggered if the wires are cut or shorted. This low voltage Fence Monitor allows the initial 1.5m of a fence in a public space to be monitored and the remaining height of the fence can still be electrified using a security energizer.



### FEATURES:

- Monitors for continuity using safe 50V pulses
- Can work in conjunction with other energizers to provide extra security above 1.5m.
- Can be used to split a one zone energizer (Agri) into two zones using the earth wires
- Two independently monitored and controlled zones
- The robust and flexible design is ideal for residential, commercial, industrial and high-security sites
- Each zone can be programmed into alarm sensor mode allowing it to be integrated into a separate burglar alarm system
- Four zones can easily be created by linking two D20 fence monitors together using the Druid four zone keypad
- Detects a low voltage loop cut (open circuit or short)
- Allows the installer to keep their fence compliant in public access areas
- Connectable to armed response radio or GSM module
- Lightning and power surge protection
- Intelligent power saving to extend battery life
- Built-in gate alarm input to monitor if the gate is open or closed
- Optional keypad for controlling and programming the low voltage fence monitor. This allows the user to control the fence monitor remotely, with up to two keypads
- The relay expansion card can be used to increase the number of information outputs from the fence monitor
- Walk test mode for easy fence testing
- The LCD background colour changes to easily identify the fence condition
- Can be tested using the D20 Fence Alarm Monitor tester [TL-FM/D20]



## SPECIFICATIONS:

<b>Physical</b>	
Enclosure size	400(H) x 270(W) x 150(D) mm
Weight excluding battery (7Ah)	3.55kg
Weight including battery (7Ah)	6.56kg
IP rating	IPx4
Operating temperatures	-10° to 50° C
Operating humidity	<80% non-condensing
<b>Electrical Supply</b>	
Mains supply voltage	240V
Typical power consumption <small>(normal operating conditions)</small>	130mW (2 Zones monitoring typical fence)
Internal Battery	7Ah
Standby time <small>(fully charged battery)</small>	36 hours
<b>Fence Output</b>	
Maximum fence voltage	50V
<b>Connections: Contact ratings maximum</b>	
While relays have a higher rating, the manufacturer does not recommend an AC voltage of more than 50VAC: 10A @ 50VAC or 10A at 30DC (per relay)	