

EXHIBIT 3

Technical Description

Para. 2.1033(b)(4)



**Retlif Testing Laboratories**

Test Report No. R-7579-1  
FCC ID: GSAMCT101MDS

Technical Report 2.1033(b)(4)

Equipment Manufacturer

Visonic, Inc.  
10 Northwood Drive  
Bloomfield, CT 06002

FCC Identifier

GSAMCT101MDS

Operating Instructions

See Exhibit 5

Trade Name

Visonetix

Model Number

MCT101

Additional Model Numbers and Trade Names

Not Applicable



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## GENERAL INFORMATION OF THE MCT101

The MCT-101 MDS is an emergency transmitter, incorporating an automatic man down signaling device, and is intended for use by security personnel. The MCT-101 MDS is designed to be used with the SpiderAlert® signaling system.

The unit is powered by an internal 3.6 VDC lithium battery, which has a life expectancy of up to 5 years with normal use.

A built-in tilt switch activates the “man-down” transmission if the user is knocked down, or the MCT-101 MDS is tilted by more than 60°. To prevent false alarms, a rapid 10 second beep-tone is emitted prior to the signal being sent. This allows the user enough time to prevent the transmission of unintentional alarm signals.

Transmission can also be initiated by pressing the yellow emergency button which is active at all times, irrespective of switch position.

The central station receives both “activation” and “cancellation” signals and is continually updated., each time the status of the MCT-101 MDS transmitter changes. These changes include position (transition from vertical to horizontal or vice versa) and switch status (on or off). These status changes are verified by the LED, which illuminates each time a signal is transmitted.

Once triggered, the transmitter sends out an alarm signal as well as a 24-bit ID code which identifies the MCT-101MDS to the target receiver, and automatically displays the holders name on the central computer screen. To prevent transmitted signals from colliding with those from other MegaCode transmitters, a “smart” anti-collision transmission sequence is used.

A “supervision” message is automatically initiated every 60 minutes. The receiver is thus informed, at regular intervals, of the MCT-101 MDS’ active participation in the system.



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