

IDF – Invisible Digital Fence HM640



How it works

The IDF – Invisible Digital Fence will detect an intruder/burglar when they try to pass through the infrared beam lines, and send the signal instantly to trigger the alarm.

Ideal for

- Apartment/Condominium (Balcony)
- Terrace Link House (Front & Rear)
- Semi Detached / Corner lot house (Front, Rear & Side)
- Bungalow (Front, Rear & Both Sides)
- Shop house, Workshop, Factory, Warehouse & Hanger
- Water Treatment Plant, Water Tank, Power Station & Transmission Tower
- Other premises that requires pre entry protection

Key features

- **Invisible Barrier:**
Build an invisible barrier to detect or scare away intruder/burglar before they enter the premises
- **Pre Entry Warning:**
An advance security protection method to monitor externally of build-up perimeter of the premises or in highly restricted areas as a form of “earlier-than –early” warning system
- **Weatherproof & tamperproof :**
The security feature design allow IDF to withstand outdoor condition

- **Intelligent Technology:**
Adopt "Double Beam" triggering technology to detect intrusion and minimize false alarm. When two or more beam line being block for more the 40ms, the IDF will send a signal to trigger alarm.
- **Pet Immunity:**
The "Double Beam" triggering technology also prevent domestic pets, flying birds or drop leaves from tripping the alarm
- **Slim & Compact Design:**
Aesthetically designed to complement and not compromising overall appearance of protected premises
- **Multi-System Adaptability:**
As a sensor/detector to activate alarm system, spotlight, door bell, speaker or other form of security equipment.

Technical Specifications

- Wireless & wired compatible when link to Alarm panel
- Detection range up to 40 meters
- Adjustable angle: 180 degrees
- Produce 6 infrared beam line
- "Double Beam" triggering technology
- Adopt digital codes for trouble free operation
- Tamper proof security feature, the IDF will send a signal to trigger alarm instantly if wires are cut or the detector is maliciously damaged or realigned.
- Weather proof, Protection from rain, mist & dust
- Radio Frequency channel 315 Mhz
- Up to 100 meters wireless working range (without obstacles or interference)
- Powered by 12V AC/DC adapter
- Transmitter current 175mA, Receiver current 70mA
- Operating Temperature & Humidity: -25°C - +50°C, 95% or less
- Interruption time: 40msec (0.000040 sec)
- Product sizes:
 - a. TX Transmitter Housing (HxWxD in cm): (124*4*4.5)cm
 - b. RX Receiver Housing (HxWxD in cm): (124*4*4.5)cm
 - c. Gross weight: 1 kg

Basic Set Contents

- One(1) pair of IDF - Invisible Digital Fence (Wireless & Wired) c/w
 - . 1 pc – TX Transmitter (6 Beam, length 124 cm & range 40m)
 - . 1 pc – RX Receiver (6 Beam, length 124 cm & range 40m)
 - . 2 pcs - 12V AC/DC adapter
- Warranty Card

Optional Accessories

- Adapter 12V 500mA
- 12v 7.2 Ah Rechargeable Battery
- 315 Mhz RF Receiver
- Heavy duty floor stand
- Wall mounting/bracket

Proposed Package

- Terrace Link House - 2 pairs of IDF for front & rear Protection
- Semi Detached/Corner Lot House - 3 pairs of IDF for front, rear & side Protection
- Bungalows - 4 pairs of IDF for front, rear & both sides Protection
- Others - To be determined during site survey

Minimum System Requirements

- 240VAC Power connection