

# WTPL WT03 Dual Pole Walk Through Power Off Mobile Phone Detector



## Description

This mobile phone detection system consists of two sensor poles (Dipole). Each pole has six equally spaced sensors connected to a micro-controller.

Detected data are spontaneously wireless transmitted to a Main Controller. Data are further analyzed by the main controller to determine if a mobile phone has passed through this Dipole.

When a person walks through the Dipole with a mobile phone, signal strength (above the background noise level) of each detector is displayed on Main Controller's LED panel instantaneously with respect to its position.

In the mean time, main controller will sound alarm, active dry contact, or establish wireless or TCP/IP communication with a remote computer depends on customer's preference.

Dipole is very lightweight and easy to set up. Since it is a reactive system, dipole does not generate any harmful strong RF driver signal.

Dipole and the main Controller consume very low power suitable for non-stop operation. System does not need any operator to monitor like a metal detector.

Moreover, Upgraded Idle Standby Phone Walk Through Detector (TCP/IP Plus) can work with one or multiple IP cameras for remote monitoring and warning.

When someone with a phone walks through cell phone door detector, you will get sound and image alerts quickly. A photo capture pops up to show you who has a phone on our software interface. IP camera's address and time stamp also on the photo. Only the detected photos are stored in the recorded files so you can efficiently find out who have phones without replaying all recorded videos of the IP cameras.

## **Features**

**3 versions of the detector are available i.e.**

**Standard version:** It beeps when a phone is detected.

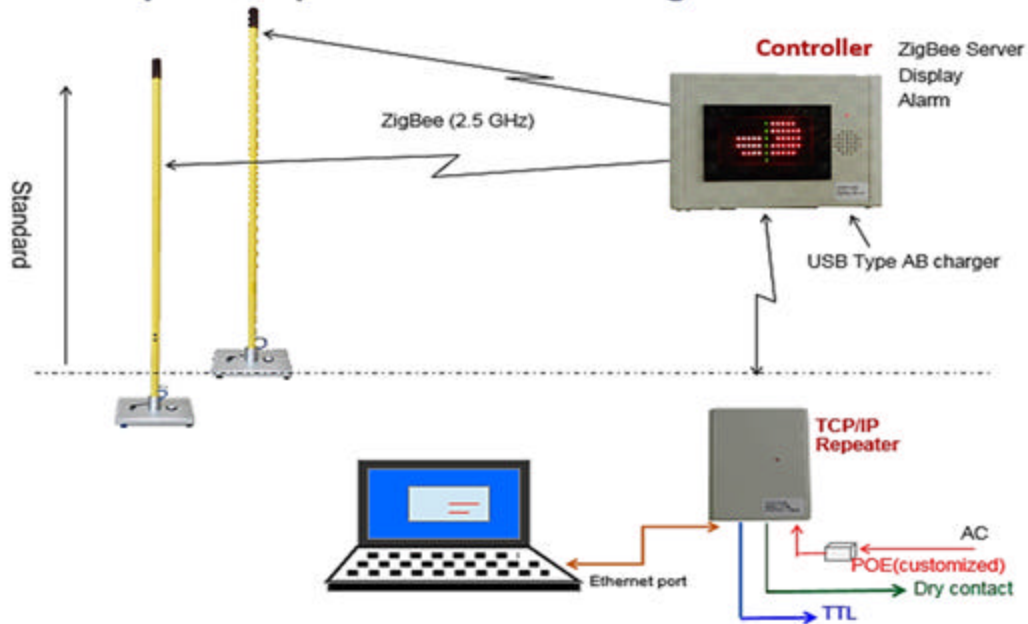
**TCP/IP version:** Show you the locations of the detected phones on the map via TCP/IP

**TCP/IP Plus Advanced version:** Remote monitoring version can work with one or multiple IP cameras to show you a photo that who has a phone

## Specifications

Dipole Detector	Pole spacing: < 70 cm
	Single pole:
	Height: 170 cm
	Diameter: 3 cm
	Weight: 5.6Kg
	Base Dimension: 30 x 20 x 4 cm
	2.4 GHz, < 0 dBm,
	16 channel ISM transmitter
Power Supply: 110~220VAC to 5VDC adapter	
** Can be mounted on wall directly.	
Controller	16 channel ISM receiver with External Antenna (Up to meters to Dipole.)
	Wall mount plastic housing: 25 x 18 x 5 cm
	LED display: 15 x 10 cm
	0.5 Watt adjustable alarm speaker
	5V TTL output
	10A, 120VAC /5A, 240VAC Relay
	TCP/IP Ethernet RJ45 port with Window software (monitor up to 10 dipole systems)
	Power supply: 100V~240VAC

### Dipole Cellphone Detector Configuration



## Dipole Cellphone Detector TCP/IP Software Interface

*Dipole Technology Center*

Server IP 192.168.0.110 Port 4000 1 4/13/2021 9:41:48 AM

	Location	IP Address	Status	Second
1	Northeast	192.168.0.127	On	3
2	Southwest	192.168.0.126	Off	15
3	Northwest	192.168.0.125	Off	10
4	SouthEast	192.168.0.124	Off	8
5				
6				
7				
8				
9				
10				

**Detected**

L6 R6

L5 R5

L4 R4

L3 R3

L2 R2

L1 R1

**Northeast**

L6 R6

L5 R5

L4 R4

L3 R3

L2 R2

L1 R1

**Event Log**

4/13/2021 9:24:21 AM Connecting

Please wait for devices polling to start before touching any key

4/13/2021 9:24:23 AM Connected to 192.168.0.127

4/13/2021 9:24:28 AM Starts devices polling sequence

4/13/2021 9:38:18 AM Northeast 10 01 00 00 00 00 00 00 05 04 01 00 00 F8 F2

4/13/2021 9:41:01 AM Northeast 10 01 00 00 00 00 02 00 04 04 04 00 00 55 6E

4/13/2021 9:41:31 AM Northeast 10 01 00 00 00 03 00 00 04 04 04 00 00 C0 47

4/13/2021 9:41:44 AM Northeast 10 01 00 01 05 04 05 01 02 00 03 03 00 00 63 77

EXIT

Save Log

Clear Log

## Dipole Cellphone Detector TCP/IP Plus Version "Video Capture of Who Has a Phone"



Photo Enlargement pops up and you can see who has a phone more clearly!