

## iWAP MOBILE Zone 1 Portable WLAN System



*Zone 1/2 Explosion Proof Portable Wireless Access Point system to allow standard WLAN hardware to be installed in potentially explosive, harsh, wet, and corrosive environments*

*2 II GD or 3 II GD  
(Full Ex code depends on the internal hardware used)*

*IP66*

*-20°C/-10°C to 40°C/55°C  
(note this depends on the internal hardware used)*

### Overview

The iWAP MOBILE provides the ability to quickly deploy wireless infrastructure in remote locations, parts of the plant that do not have permanent WLAN coverage or can be used for carrying out RF surveys prior to installing a WLAN permanently.

The system is designed around Extronics' iWAP Wireless series of products for use in extreme environments. They incorporate an iWAP Access Point Enclosure System and 1 or 2 iANT antenna's along with a suitable wireless access point. The rugged plastic anti-static enclosure conforming to EN60079-0 and EN60079-14 protects the internal equipment from the environment and makes it easy to transport due to the built-in wheels and handle. Various types of Explosion Proof (Exd) live disconnect connectors can be fitted to connect to power and Ethernet networks or allow multiple iWAP MOBILE systems to be connected together for special applications.

To complement the system a range of cable reels and special cable assemblies are available to ensure the maximum efficiency, safety and convenience when in use.

### Features and Benefits

#### Rapid Deployment

Allows for very fast set up time thus reducing overall costs by meaning WLAN coverage does not have to be installed on all parts of the plant in areas where it will not be used frequently. Excellent for use as an RF survey kit for carrying out WiFi coverage planning

#### Rugged Housing

IP66 anti-static polypropylene case means the system can be deployed in the most arduous environments

#### Easy Transportation

Can be easily transported allowing fast movement between sites

#### Supports Most Wireless Vendors Hardware

All leading wireless vendors hardware is supported including Cisco, Motorola, Meru, Aruba and Firetide. Many other vendors available on request.

### Specification

#### Certification Type

Dependant on iWAP type: upto II 2 G EEx d IIC T5 Ta 55°C Max T6/Ta 40°C Max

If no connector used: Ex tD A21 IP66 T100°C @ Ta55°C Max T85°C @ Ta40°C Max

#### Power Supply

Dependant on iWAP type/ POE/ 24VDC/ AC

#### Material

iWAP: Dependant on iWAP type selected. Please refer to iWAP datasheet

Housing: Polypropylene coated with anti static finish

#### Ingress Protection

IP66

#### Weight

Approx 25kgs dependent on iWAP Type

#### Dimensions

498x624x296mm (w x h x d)

## Ordering Information

### iWAP MOBILE

iWAPMOBILE-[#1]-[#2]-[#3]-[#4]

#### Specify option [#1] - iWAP Type

|         |   |
|---------|---|
| iWAP101 | 1 |
| iWAP102 | 2 |
| iWAP103 | 3 |
| iWAP200 | 4 |

#### Specify option [#2] - AC Power Output

|     |   |
|-----|---|
| No  | 1 |
| Yes | 2 |

#### Specify option [#3] - Ethernet Output

|     |   |
|-----|---|
| No  | 1 |
| Yes | 2 |

#### Specify option [#4] - Antennas

|                       |   |
|-----------------------|---|
| 1 off Zone 1 Antennas | 1 |
| 2 off Zone 1 Antennas | 2 |
| 3 off Zone 1 Antennas | 3 |
| 1 off Zone 2 Antennas | 4 |
| 2 off Zone 2 Antennas | 5 |
| 3 off Zone 2 Antennas | 6 |

#### Optional Accessories

Cable Reel for Ethernet/ Power

