

# SMART

# GSM R L T MODEL WMHF-IIIGSM.

**SMART GSM RLT** (MODEL WMHF-III GSM) is a GSM BASED vandal resistant Remote Location Telephone with inbuilt speaker, keypad & PTT switch for communication. It can be used with any gsm sim card based network. These phones are designed for locations where cabling of any kind ( Power / Signal ) is either very expensive or impractical due to various reasons.

These units operates on solar power supply battery backup / 220VAC-14 V DC EXTERNAL POWER PACK. They are sealed , dustproof, VANDAL RESISTANT type with external antenna. Meeting the same high standards as severe and hazardous environment telephones, these units are ideal for noisy or rough use areas. They are equipped with a sealed Non tactile keypad to keep out dust, dirt and moisture. The sealed electronic ringer also prevents contaminants from entering the housing. Other standard features are noise-canceling microphones, SS PTT switch for press to talk operation, constructed of high impact 16 SWG steel enclosures with integrated canopy design.

These phones are also used as EMERGENCY ROADSIDE SOS TELEPHONES with no keypad and direct dial button.



## OPERATIONS: -

### TO MAKE A CALL: -

- Press the connect button.
- Dial the desired number.
- Communicate with the press to talk and release to listen button.

### INCOMING CALL: -

- From any phone dial the number of SMART GSM RLT.
- An electronic ringer will Ring up giving a ringer tone.
- Communication will be established when called party presses the connect button.
- Reset by pressing the release button.

## VERSATILE APPLICATIONS: -

\* Indoor or Outdoor Public Phones\*Emergency Phones \* Taxi or bus stands\* Highway Roadside phones\*Railway stations & Railway lines\*Metro Stations & Metro lines\* ATM machine sides\*Ports\*Docks\*Mines\*Power Generation facilities\*Cement Plants\*Refineries\* Chemical Units\*Construction Sites\*Steel Plants\*Spinning Yarns\*Fertilizer Plants\* Sugar Mills\*Pulp & Paper Mills\*Food Processing Plant\*Warehouses\*Recreation Facilities \*Hydroelectric Facilities \* Drilling Rigs \*Ammonia Storage Area \* Process industries\* ANY LARGE AND MEDIUM SCALE INDUSTRIAL UNITS.

**SMART CHOICE: -**

- Simple Installation & Operation
- Operates ON GSM NETWORK
- One piece waterproof non tactile keypad.
- Ringing through internal speaker & ringer unit.
- Solar power with battery for uninterrupted operation.
- Optional 220V AC external power pack
- CONNECT, RELEASE & PTT SWITCHES for communication.
- In built amplifier with internal speaker & Noise canceling mic.
- 16 gauge rugged steel powder coated construction.
- A service temperature range from 0 to +60 o C.
- Encapsulated circuit boards impervious to water and condensation.
- Environment Protected.
- Single PCB design for plug n play operation.
- Easy troubleshooting ensuring minimum downtime

**SPECIFICATIONS: -**

**Electrical performance:-**

Power	220/110V AC IN & 14 V DC OUT POWER PACK
Audible range frequency response	150 - 3500 Hz.
Dialing method	DTMF
Ringer output	90 dB at 1 MTR.
Ringing:	Through internal Speaker.
Ringer sensitivity	40 - 100 v @ 16 - 25 Hz.
GSM Frequency Network	850/900/1800/1900MHZ
Time out	0-20 minutes predefined (optional)

**Electrical requirements:-**

Re-chargeable Battery	12V/7Ah(optional)
Solar Panel	12V/30W (optional)
Loop current	20 - 120 mA.
Connection method	PCB terminal block.
Fuse	0.25 Amp 2AG fast blow.

**Environmental:-**

Temperature	0 to +60 C.
Humidity	0 to 95% Rh non-condensing.
Dustproof	Fully gasketed enclosure.

**Mechanical:-**

Body construction	16 SWG steel, powder coated.
Dimensions	360 x 160 x 180 mm.
Net weight	7 kgs.
Standard mounting	Vertical wall.
Hardware material	Stainless steel.

**CONFIRMING TO NEMA -4 DEGREE PROTECTION.**

**INDUSTRIAL COMMUNICATIONS SIMPLIFIED .**

**VOIZLINK.**

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“(Specifications and description subjected to change without prior notice)”