

WIRELESS HAZARDOUS AREA PHONE SYSTEM

TM3300R

IS Series Class 1 Div. 2 Groups C&D T3 Classification

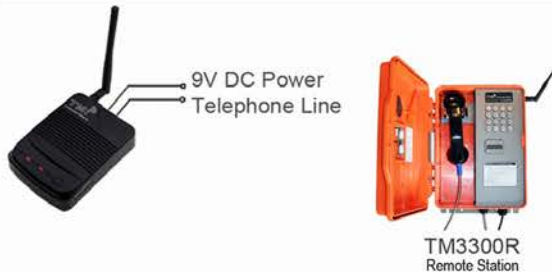
When the need to see is as important as the need to know

Royal
VIDEO & COMMUNICATION SYSTEMS
A DIVISION OF ROYAL SERVICE & RENTALS, INC.



The **TM-3300** wireless telephone station is designed to meet the communication needs of hazardous gas areas and harsh environments. The TM-3300R is composed of rugged, weatherproof, and intrinsically safe components which are built to withstand industrial use as well as satisfying the requirements for a communication solution in class 1 division 2 zones. The TM-3300 system utilizes long-range 900MHz RF technology for transmitting over long distances and through or around many types of obstructions. With the standard antenna, the TM-3300 has a communication range of up to half a mile in open sight. Antenna upgrades available for extended range or areas of significant obstruction. Proper wiring and or conduit required to maintain intrinsically safe classification. Solar panel and battery power can be used for remote outdoor unpowered non hazardous gas areas.

SINGLE BASE & SINGLE REMOTE SYSTEM



APPLICATION IDEAS

- Oil & gas drilling rigs
- Petroleum processing facilities
- Agricultural processing plants
- Oil & gas pipelines
- Industrial plants
- Chemical factories
- Munitions storages
- Oil & gas plants
- Fuel storage sites
- Pharmaceutical plants

MULTI-BASE & MULTI-REMOTE WITH PBX



SPECIFICATION: TM3300

Descriptions	Base Station	Remote Station
Working Frequency	902/928MHz	902/928MHz
Transmitting Power	600mW	600mW
Receiving Sensitivity	-118dBm / Sinad 12dB	-118dBm / Sinad 12dB
Number of Channel	80 Channels auto scan	80 Channels auto scan
Channel Spacing	25 KHz	25 KHz
R.F. Impedance	50 ohm	50 ohm
Frequency Stability	+/- 1 KHz	+/- 1 KHz
Modulation Deviation	+/- 3 KHz	+/- 3 KHz
Working Temperature	-40°F ~ +140°F	-40°F ~ +140°F
Power Source	Input 110V AC Output 9V DC/ 1000mA	Input 110V AC Output 12V DC/ 1000mA
Dimension	4.29 x 5.87 x 1.54 inch (WxLxH)	11.42 x 13.78 x 4.33 inch (WxLxH)
Weight	0.88 LB	9.60 LB
Power Consumption	400~600mA / Standby 90mA	400~600mA / Stand by 90mA