
We manufacture these products using high quality raw material and latest technology as per the set industry standards. These products are highly appreciated among clients due to their reliability, accurate functioning, hassle free performance, user friendliness and longer service life. Further, we offer these products in various specifications as per the specific needs of our clients. Our products are extensively demanded by our clients across the world.
**OUR TEAM**

We have recruited a team of highly experienced professionals and engineers. Our enthusiastic and trained professionals make sincere efforts to manufacture high quality products. Our team include engineers, technicians, quality controllers, research personnel and warehousing & packaging staff. They work in close co-ordination to recognize the specific requirements of clients and offer same products.

**25 YEARS OF EXPERIENCE**

Our Company has a large Production Experience of 25+ years. Pulse Communication Systems is the Original Equipment Manufacturer of Voice Logging Systems and Radio Solutions. The Component Level Designing, Fabrication, Development, Testing of the product is being done by us.

**INFRASTRUCTURE**

We have established a state-of-the-art infrastructure facility that is integrated with several divisions like manufacturing, quality testing, procurement, research & development and warehousing & packaging. Our manufacturing unit is equipped with latest technology and equipment to manufacture superior quality products. This unit enables us to manufacture these products in bulk quantities at fast production rate.
We are Manufacturers & Suppliers of Two Way Radio Gateways and Voice Recording Solutions. We are one of the prominent manufacturers and suppliers of PC Based and Standalone Voice Loggers such as Telephone Loggers, GSM Voice Loggers, and E1/PRI Digital Loggers.

Other Products include Radio over Internet Protocol, Radio over IP GSM Gateway, RF Duplexer Filter, Radio Telephone Interface, Radio Power Supply Unit, Radio Accessories, Radio Programing Cables, RF Duplexer, Radio Repeater Unit. With the improvement in the technology; we continuously improve our Products at our Research & Development Centre.
RADIO OVER IP GATEWAY

SINGLE CHANNEL- ROIP
Model No.: ROIP 300
Radio over Internet Protocol uses standard techniques to transfer the analog audio signals used by Land Mobile Radio/Repeater Systems, digitally over the LAN (or Internet). It Supports point to point, point to multi point and monitoring configuration.

SINGLE CHANNEL ROIP WITH DTMF
Model No.: ROIP 300D
Single Channel ROIP with DTMF is an advanced version of ROIP 300 with facility of DTMF Dialing. It has inbuilt DTMF Decoder for selectively calling to an individual or group of ROIPs. Accessory In Out Pins for Relay Operation, RSSI Signal Level Indicator, Remote Channel Changing Facility are also available in this model.

MULTI PORT ROIP
Model No.: ROIP 400
Multi Port Radio Over Ip Gateway supports four Radio Ports on a single Ethernet Port. It can also act as a cross patch between the four radio ports (analog, digital, POC, UHF, VHF) radios and also in bridge mode. It can support two analog and two digital radios.

ROIP WITH SIP CONNECTIVITY
Model No.: ROIP 300S
ROIP-300S supports open SIP/ RTP Protocol and enables connectivity between Conventional Analog or Digital Radios with the SIP Enabled IP Phones, Soft Phones, IP PBX, SIP Servers, etc. It has inbuilt DTMF Decoder which enables Outgoing Dialling from Radio to the SIP User.
Radio over IP GSM Gateway has been designed as a gateway between the Conventional Analog or Digital Two Way Radios with the IP Protocol and the GSM 2G/3G/4G LTE Network. It is an advanced version of ROIP with added feature of cellular Connectivity. It provides interconnectivity of Wireless Radio over GSM Network/ IP Network with auto switch over mechanism.

Features:
- Multi ROIP (users) Connectivity.
- Different User Grouping Facility.
- Live Monitoring of user communication at console.
- Live Status Indication of all users.
- Individual/ group/ broadcast communication with users from console.
- Online Call forwarding to other user by Operator.
- Console Configurable User Call Group.
- RSSI Level Indicator.
- Remote Channel Changing.
- Event Logging.
- Audio Recording and Playback.

Radio Over IP GSM Gateway

**Model No.: ROIP 300G**

Radio Over IP GSM Gateway has been designed as a gateway between the Conventional Analog or Digital Two Way Radios with the IP Protocol and the GSM 2G/3G/4G LTE Network. It is an advanced version of ROIP with added feature of cellular Connectivity. It provides interconnectivity of Wireless Radio over GSM Network/ IP Network with auto switch over mechanism.
**ROIP CLIENT SOFTWARE**

- Password Protected Authorized Access
- Multiple IP/ROIPs Configurations Settings
- Sound Device Selection
- Live Monitoring of user communication
- Communication with users using Soft PTT/Foot Padel.
- RSSI Level Indicator*
- Remote Channel Change*
- Multi ROIP (users) Connectivity using Dial Pad in case of Server Configuration.

**MOBILE APLICATION**

- Radio Connectivity.
- Local Server Connectivity.
- Cloud Connectivity.
- Private/Group/Broadcast call.
- PTT Bluetooth headset support.
- Indoor/Outdoor tracking.
- Audio History Playback.

**Supported Platform:**

- [Android](#)
- [Apple](#)
INTER NETWORK COMMUNICATION GATEWAY
<table>
<thead>
<tr>
<th>Feature</th>
<th>ROIP-300</th>
<th>ROIP-300D</th>
<th>ROIP-300G</th>
<th>ROIP-300S</th>
<th>ROIP-400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Point to Point Configuration.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Multi Point Configuration without ROIP Server Console Software</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Remote Channel Change Control</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Accessory In-Out Pin Control</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Total No. of Radio Ports working independently</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Total No. of IP Connections.</td>
<td>7</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Total No. of Other Connections.</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Audio Patch to other ROIP Permanently</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Audio Patch to other ROIP on Demand/Request (via DTMF Dialing)</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Application Protocol</td>
<td>Proprietary</td>
<td>Proprietary</td>
<td>Proprietary</td>
<td>SIP, RTP</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Integration with IP Phones, SIP Servers, IP-PBX, SIP Gateways, Soft Phones having Open SIP Protocol</td>
<td>Yes (using Server Console Software)</td>
<td>Yes (using Server Console Software)</td>
<td>Yes (using Server Console Software)</td>
<td>Yes (using Server Console Software)</td>
<td>Yes (using Server Console Software)</td>
</tr>
<tr>
<td>Network Bandwidth</td>
<td>64kbps</td>
<td>32/64kbps</td>
<td>32/64kbps</td>
<td>64kbps</td>
<td>32/64kbps per Radio Port</td>
</tr>
</tbody>
</table>
PC BASED TELEPHONE VOICE LOGGER
Model No.: PCVL Series
PCVL Series consists of PC based Multi Channel Voice Loggers ranging from 4 to 64 channels. It is a Digital Voice Recorder designed for obtaining extended recording of telephone / analog signals over USB / Ethernet Connection.

PC BASED TELEPHONE/ GSM VOICE LOGGER
Model No.: PCVL PG Series
PCVL-PG Series consists of PC based Multi Channel Telephone & GSM Voice Loggers ranging from 4 to 64 channels. It is a Digital Voice Recorder designed for obtaining extended recording of Telephone Calls, Diverted GSM Calls and SMS. The system is designed for maximum flexibility and cost effective solutions.

DIGITAL VOICE LOGGER
PCVL-E100 is a Digital Voice Logger for recording of diverted ISDN E1/ PRI Line. It simultaneously records up to 30 calls. The system is designed for maximum flexibility and cost effective solutions. The power and familiarity of computer has added the user friendliness and easy operations. It also has facility for Automatic and Manual Call Forwarding of Live Calls to desired numbers, backup, archiving, etc.

STAND ALONE VOICE LOGGER
Model No.: DVR MK I
DVR-MK I is a portable Voice Logger systems with inbuilt hard disk LCD display. It is intelligent and can simultaneously Record from phone line or any other audio sources. It has inbuilt speaker and Keyboard Port for recording access and playing. The unit can be attached to a Windows PC for Playback via Ethernet port.
**VHF DUPLEXER FILTER**

- Frequency: 136~174 MHz
- Frequency separation: 4-7 MHz
- Insertion Loss: ≤ 1.2 dB
- Isolation: ≥ 75 dB
- Return Loss: ≥ 18 dB
- Connectors: N-Female/ UHF Female
- Power: 50 Watt
- Dimensions: 32x155x198 mm
- Weight: (approx) 1.2 Kg
- Operating Temperature: -10 to +60 deg C

**UHF DUPLEXER FILTER**

- Frequency: 400~470 MHz / 350 - 380 Mhz
- Frequency separation: 5-10 MHz
- Insertion Loss: ≤ 1.2 dB
- Isolation: ≥ 75 dB
- Return Loss: ≥ 18 dB
- Connectors: N-Female
- Power: 50 Watt
- Dimensions: 32x155x220 mm
- Weight: (approx) 1.4 Kg
- Operating Temperature: -10 To + 60 deg C
POWER SUPPLY UNIT - 10AMP

Model No.: PS-110

PS-110 is a light, compact, reliable and efficient SMPS Power Supply cum Battery Charger Unit Operating on Single Phase Mains Input, it delivers 10Amp Current at 13.5Volt DC. Apart from facility of automatic switching to batterypower in case of mains failure, it also has protection against short circuit, overload and output overvoltage.

POWER SUPPLY UNIT - 15 AMP

Model No.: PS-115

PS-115 is a light, compact, reliable and efficient SMPS Power Supply cum Battery Charger Unit. It delivers 15Amp Current at 13.5Volt DC. It is meant for use in VHF/ UHF Radio Transceivers systems. It also has protection against short circuit, overload and output overvoltage.
PHONE PATCH WITH SELECTIVE CALLING

Model No.: RTI-2050S

A Simplex / Duplex Phone patch controller unit is a versatile interface unit between a VHF/UHF wireless transceiver and telephone line of your EPABX. It gives the feelings of RADIO EPABX where the user can be called selectively not only on EPABX but also on Radio Network.

HF PHONE PATCH

Model No.: RTI-1000

The unit is designed for the users of HF Radio and is intended to enable you to make a wireless call right from your nearest telephone extension without you actually moving physically to wireless set.
OUR CERTIFICATIONS

We are Manufacturers & Suppliers of Two Way Radio Gateways and Voice Recording Solutions. We are an ISO 9001:2015 Certified Organization
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