



RoIP Gateways

Connect More In More Ways

Overview

Connect With Anyone Anyhow

Connect your radio infrastructure over existing IP networks such as a VPN or the internet. With remote repeater sites over IP, there is no need for leased lines, radio links or satellites, saving installation and running costs.

Plus, you get the flexibility to adapt and grow your radio network as your organization adapts and grows.



Connect more in more ways.

omniconnect

Interoperability

With a history of 30+ years in the industry, we understand the complexity of connecting people, technologies, protocols and manufacturers into a unified system. We make it work. Easy.

Omnitronics RoIP Gateways are simple to install, use and maintain, but perform in the harshest conditions and mission-critical environments.

Why omnitronics?



Cost Effective

Existing infrastructure used (LAN, WAN or VPN)



Secure Encryption

Built-in encryption protects conversations against unauthorized access and eavesdropping



Interoperability

Join multiple radio technologies and even phones using SIP



Network Flexibility

Connect over wide geographical areas & easily add repeater sites and dispatch locations



Tough & Reliable

No more service interruptions with IP creating redundancy & back-up



Use Existing Systems

Migrate existing analog or digital radio systems with ease



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DIGITAL



DRG100
One box, many protocols



DRG200i
One box, many protocols, two channels



Tetra Gateway-DM
Connect Omnitronics consoles into DAMM Tetra networks

ANALOG



IPR100
Flexible RoIP gateway for analog systems



IPR110+
Advanced RoIP gateway with more



IPR400 s2
2-in-1: Interoperability and full multi-channel RoIP gateway

Technical Specifications

Which One is Right For You?

RoIP Gateway	No of Channels	Type	Supported Signalling	Integrations	No of VoIP Channels	Tone Remote Signalling
DRG100	1	Desktop Unit	RTP (unicast, multicast), SIP	Analog, DMR, NXDN, P25, MotoTRBO, Tetra, IDAS	12	N/A
DRG200i	2	Desktop Unit	RTP (unicast, multicast), SIP	DMR, IDAS IP	24	N/A
IPR100	1	Desktop Unit	RTP (unicast, multicast), SIP	Analog PMR	12	DTMF, CTCSS, Selcall
IPR110+	1	Desktop Unit	RTP (unicast, multicast), SIP	Analog PMR incl. Channel-change, SIP Phone	12	Two-tone paging, EIA tone remote, DTMF, CTCSS, MD1200, Selcall
IPR400 s2	4	Rack Mount 1RU	RTP (unicast, multicast), SIP	Analog PMR incl. Channel-change	48	DTMF, CTCSS, Selcall
Tetra Gateway-DM	Up to 32	Software	RTP (unicast, multicast), SIP	DAMM Tetra	12 Consoles	N/A

NXDN



IDAS

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Public Safety



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