



RoIP Gateways

Connect More In More Ways

Why Omnitronics?

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 40+ 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.



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

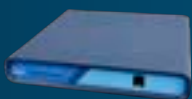


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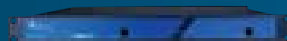


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DIGITAL

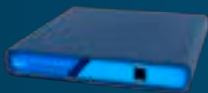


DRG100
One box, many protocols

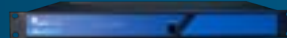


DRG100 2RU
One unit, many protocols

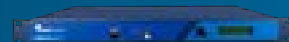
ANALOG



IPR110+
Advanced RoIP gateway with more



IPR110+ RU
Advanced RoIP gateway with more



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

SOFTWARE GATEWAYS



omniGateP25
<128 talk paths over 1 CSSI connection for P25 Phase 1 & 2



omniGateDMR
<128 DMR talk paths using AIS connections



Tetra Gateway-DM
Connect Omnitronics consoles into DAMM Tetra networks

Technical Specifications

Which One is Right For You?

RoIP Gateway	No of Channels	Type	Supported Signalling	Integrations	No of Console Connections
DRG100	1	Desktop	RTP (unicast, multicast), SIP	Analog, DMR, NXDN, P25, MotoTRBO, Tetra, IDAS	12
DRG100R2	2	Rackmount 1RU	RTP (unicast, multicast), SIP	Analog, DMR, NXDN, P25, MotoTRBO, Tetra, IDAS	24
IPR110+	1	Desktop or Rackmount 1RU	RTP (unicast, multicast), SIP	Analog PMR incl. Channel-change, SIP Phone	12
IPR400 s2	4	Rackmount 1RU	RTP (unicast, multicast), SIP	Analog PMR incl. Channel-change	48
Tetra Gateway-DM	32	Software	RTP (unicast, multicast), SIP	DAMM Tetra	32
omniGateP25	128	Software and 1+1RU	RTP (unicast, multicast), SIP	P25 CSSI	128
omniGateDMR	128	Software and 1+1RU	RTP (unicast, multicast), SIP	DMR AIS	128

NXDN



iDAS

KENWOOD

NEXEDGE™

ICOM

Hytera

taic
communications

MOTOROLA

DAMM

Core Industries

World Class Systems Across All Fields



Emergency Services



Utilities



Mining



Maritime



Public Safety



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