

ICS Digital Cellular Gateway

ICS PowerGate Series Digital PRI ISDN Cellular VoIP Gateway comes with 2 ISDN PRI interface(In and Stack up), 16 GSM channels and 16 VoIP Channels. As ICS PowerGate cellular gateway has been enhanced with a VoIP interface, there is no need to install an external VoIP gateway.

PowerGate Series Digital Cellular gateway is easy to used for convert the full capacity of PRI ISDN directly into Cellular networks. The ICS PowerGate Series cellular gateway enables inbound and outbound traffic for both VoIP, PSTN, and GSM/CDMA calls . All in one designed, ideal device for terminating calls providing professional quality, stability and reliability .



PowerGate



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Features

Configuration	2 Trunking interface(1 in and 1 stack up), 16 GSM channels and 16 VoIP channels
Local Control	1x RJ45-DB9 console port
Remote Control	Web based user Interface; Text based configuration
Software Upgrade	Through FTP mode

Signaling

ISDN PRI	ITU-T Q.931,Q.921
SS7	ITU-T Q.700 series, 24bits/14bits PC, ISUP/TUP
VoIP protocols(Optional)	SIP (RFC3261)

GSM

GSM channels	16
GSM Network	850/900/1800/1900
GSM Engine	Siemens TC35i, Simcom300, Simcom340
GSM Card	Small, 3V

VoIP (Optional)

VoIP protocol	SIP
Voice channels	16
Voice Codec	G.711 μ -Law and A-Law, G.711 Appendix 1, G.723.1 and G.723.1 Annex A, G.729 Annex A and Annex B, G.726
Echo Cancellation	G.168 128 ms Network Echo Canceller

Hardware

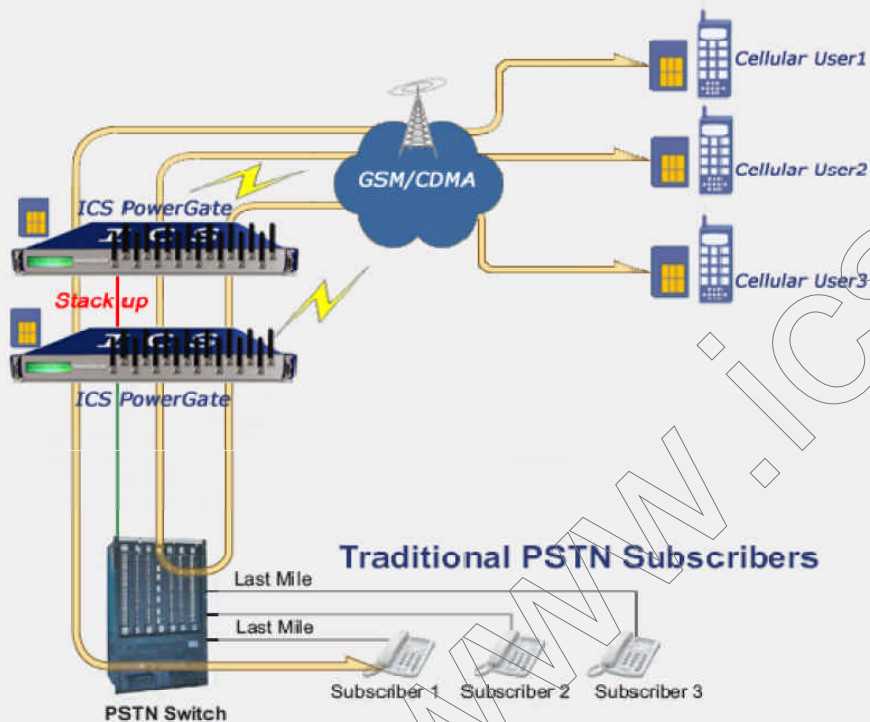
Ethernet	RJ-45, 10/100 Base-T
Trunking Interface	RJ-45
Power Supply	110 to 240 VAC, 50 to 60 Hz,
Dimension	1 U'in height; 1 9" chassis
Weight	Net weight: 7 kg; gross weight: 9 kg

Environmental Requirements

Operating Environmental	0 to 40° C, Non-Condensing Humidity 10% to 95%
Non-Operating Environmental	-10 to 60° C

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PSTN <--> GSM/CDMA Application



IP <--> GSM/CDMA Application

