

Datasheet for Deltapath® Teams Gateway




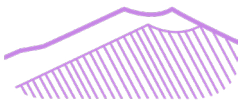
Unified Communications Switch

Signaling & Routing Engine and Protocol	<ul style="list-style-type: none"> High Performance Multi-Threaded Core Signaling Engine Multi-Task Handling Engine Session Initiated Protocol (TLS/TCP/UDP) (RFC3261 Compliant) Intelligent Call Routing Engine
Operating Platform	64-bit Embedded Linux platform on flash memory powered by Intel® Processors
Quality of Service	<ul style="list-style-type: none"> Type of Service Class of Service Differentiated Services Code Point
Availability	99.999%
Disaster Recovery	Optional USB flash for system backup and recovery
Session Border Controller	Built-in
Clustering	Local Cluster: <ul style="list-style-type: none"> Active/Hot Standby (IP takeover: The two servers must have a physical connection) Geographically Separated Cluster: <ul style="list-style-type: none"> Active Active (Able to be two different subnet)
Codecs	Auto Codec Negotiation Supporting: <ul style="list-style-type: none"> G722 G711A G711U
DTMF	Inband and RFC2833
10BASE-T Cable Support	EIA Categories 3, 4, or 5 unshielded twisted-pair (UTP) (2 or 4 pair) up to 328 ft (100m)
100BASE-TX Cable Support	EIA Category 5 UTP (2 pair) up to 328 ft (100m)
Console	RJ45 and Micro USB
Electrical Input Voltage & Frequency	Autosensing 100 ~ 240 VAC 50-60 Hz
Storage Temperature	-25 °C ~ 70°C
Operating Temperature	0° ~ 40° C
Operating Humidity	20%~90% relative humidity, non-condensing
Non-Operating Shock (2 ms) with Original Packing	350G
Certification and Compliance	<ul style="list-style-type: none"> CE FCC BSMI CCC CB UL

Gateway (PRI/BRI/FXO/FXS)

Form Factor	19" Rack Mountable 1U High, except MP11X Series										
Dimensions	<ul style="list-style-type: none"> M800 Series: 320 (W) x 345 (D) x 45 (H) mm MP11X Series: 220 (W) x 172 (D) x 42 (H) mm 										
Codecs	Auto Codec Negotiation Supporting <ul style="list-style-type: none"> G711A G711U 										
Trunks	<ul style="list-style-type: none"> MP Series: Choice of 4, 8 FXO Ports for CO Trunks or 4, 24 FXS Ports for Analogue Devices M800 B Series: 4 BRI S/T ports M800 ET Series: Choice of 1 (30 channels) or 2 (60 channels) T1/E1/PRI Spans with 4 FXS Ports for Analogue Devices 										
PSTN Coding	<ul style="list-style-type: none"> E1 A-law T1 μ-law 										
Echo Cancellation	Enhanced (Carrier Grade) Echo Cancellation: G.165 and G168-2002, with 32, 64 or 128 msec tailsize										
PRI Signaling Protocols (M800 ET Series) Analogue Signaling (MP Series)	<ul style="list-style-type: none"> ETSI/Euro ISDN, ANSI NI2 AND OTHER VARIANTS (DMS100, SESS), VN3, VN4, VN6v Loop Start, Reverse Battery, Battery Disconnect 										
Switching	VoIP to circuit, and circuit to circuit (Tandem/TDM) switching										
Maximum Call Rate	<ul style="list-style-type: none"> MP Series: 1,800 Calls / Hour / Gateway M800 B Series: 7,500 Calls / Hour / Gateway M800 ET Series: 7,500 Calls / Hour / Gateway 										
LAN Interface	<ul style="list-style-type: none"> MP Series: 10/100 BASE-TX, RJ45 M800 Series: 10/100/1000 BASE-TX, RJ45 										
Quality of Service	DiffServ, TOS, 802.1 p/Q VLAN tagging										
Models Available	<table> <tr> <td>37501-M800-V-1ET4S</td> <td>1 Port E1/T1 with 4 FXS Voice Gateway</td> </tr> <tr> <td>37501-M800-V-2ET4S</td> <td>2 Port E1/T1 with 4 FXS Voice Gateway</td> </tr> <tr> <td>37501-M800-V-4B-12L-P</td> <td>4 Port BRI Gateway</td> </tr> <tr> <td>37501-MP114/40</td> <td>4 Port FXO Analogue Gateway (Non Rack Mountable)</td> </tr> <tr> <td>37501-MP118/80</td> <td>8 Port FXO Analogue Gateway</td> </tr> </table>	37501-M800-V-1ET4S	1 Port E1/T1 with 4 FXS Voice Gateway	37501-M800-V-2ET4S	2 Port E1/T1 with 4 FXS Voice Gateway	37501-M800-V-4B-12L-P	4 Port BRI Gateway	37501-MP114/40	4 Port FXO Analogue Gateway (Non Rack Mountable)	37501-MP118/80	8 Port FXO Analogue Gateway
37501-M800-V-1ET4S	1 Port E1/T1 with 4 FXS Voice Gateway										
37501-M800-V-2ET4S	2 Port E1/T1 with 4 FXS Voice Gateway										
37501-M800-V-4B-12L-P	4 Port BRI Gateway										
37501-MP114/40	4 Port FXO Analogue Gateway (Non Rack Mountable)										
37501-MP118/80	8 Port FXO Analogue Gateway										

Deltapath Models

	 Fuji	 Kilimanjaro	 Everest	 Mauna Kea
Physical	<ul style="list-style-type: none"> • 19' Rack Mountable • 1 U High • 443 (W) x 406.8 (D) x 44 (H) mm 	<ul style="list-style-type: none"> • 19' Rack Mountable • 1U High • 443 (W) x 406.8 (D) x 44 (H) mm 	<ul style="list-style-type: none"> • 19' Rack Mountable • 1U High • 443 (W) x 406.8 (D) x 44 (H) mm 	<ul style="list-style-type: none"> • 19' Rack Mountable • 1U High • 434 (W) x 606.5 (D) x 42.8 (H) mm
Power Supply	Nonredundant	Redundant 1 + 1 Hot Swappable Power Supply Modules	Redundant 1 + 1 Hot Swappable Power Supply Modules	Redundant 1 + 1 Hot Swappable Power Supply Modules
Power Consumption	AC-Input Rating: 100V-240V Input Current: 2.5A-1.5A Output Power: 150 W (MAX)	AC-Input Rating: 100V-240V Input Current: 5A-2.5A Output Power: 300W (MAX)	AC-Input Rating: 100V-240V Input Current: 5A-2.5A Output Power: 300W (MAX)	AC-Input Rating: 100V-240V Input Current: 7.4A-3.7A Output Power: 550W (MAX)
Data Storage	Internal Solid State Drive	Customer Accessible Solid State Drive with Raid 1	Customer Accessible Solid State Drive with Raid 1	7.2 K RPM NLSAS Hard Drive with RAID 1
Cooling System	3 Autosensing Fans	4 Autosensing Fans	4 Autosensing Fans	5 Autosensing Fans
Status and Alerts	8 Status LEDs	14 Status LEDs + 1 Audio Alert	14 Status LEDs + 1 Audio Alert	1 Status LED + 1 Audio Alert
Mean time Between Critical Failures	109,500 Hrs.	142,900 Hrs.	142,900 Hrs.	142,900 Hrs.
Total Number of Concurrent Calls	32	256	512	1000
Busy Hour Call Completion	6000	100,000	100,000	200,000
Ethernet Interface	6 x RJ45 Connectors supporting 10/100/1000 Half/Full Duplex	6 x RJ45 Connectors supporting 10/100/1000 Half/Full Duplex	6 x RJ45 Connectors supporting 10/100/1000 Half/Full Duplex	2 x RJ45 Connectors supporting 10/100/1000 Half/Full Duplex + 2 x RJ45 Connectors supporting 1000/10000 Half/Full Duplex

About Deltapath

Deltapath liberates organizations from the barriers that prevent effective communication and revolutionizes the way organizations communicate through innovative technologies that meet the needs and the wants of organizations.

We specialize in solutions that unite different communication platforms, audio and video equipment, telephones, desktops, and mobile devices to make communication accessible and intuitive.

It is our belief that every solution should embody simplicity and offer users the right form of communication for the right occasion, right at their fingertips.

Ordering Information

For more information about Deltapath Teams Gateway, please contact your nearest Deltapath sales representative.



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