

# BASE CAMP CONNECT SPECIFICATIONS SHEET

## PART ONE: VOICE

<b>Satellite Connection</b>	Available
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### Extensions - Cordless

Small office SIP DECT Phone <sup>1</sup>	Optional
Enterprise SIP DECT Phone <sup>1</sup>	Color LCD, Bluetooth, up to 13 hrs talk time and up to 200hrs standby
Ruggedized SIP DECT Phone <sup>1</sup>	Optional
Long Range Cordless Phone <sup>2</sup>	Optional

### Extensions - Soft

SoftPhone <sup>1</sup>	Optional
Smartphone Apps <sup>1</sup>	Optional (IOS, Blackberry and Android)

### Broadband Router

4G Enterprise WiFi Broadband Router (Satellite integration)	4G LTE Cellular Ethernet/Serial Gateway with WiFi up to 15 users, GPS, VPN, Load Balancing, fallback, Port Forwarding, Remote Monitoring
Dual SIM/ Dual modem 4GWiFi Broadband Router	Optional (Load Balancing from both SIM and Ethernet)

### Carrying Case

System Carrying Case	Rackmount 4U + Carrying Case
Device Carrying Case	Ruggedized molded Carrying Cases
Fixed Installation	Optional

### Battery Backup (UPS)

	500 VA 300 Watts up to 1h of autonomy
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### Mobile Signal Booster

	3 watt amps, +50dB dual band (850/1900 Mhz)
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### Options

External Mobile Antenna with cable 40'	Optional
Mobile VPN (Radio IP)	Optional
Manageable Switch	Optional
FM & IP Trunks Radio Interface	Optional
Fixed satellite dish (building)	Optional
Auto-deployable dish (vehicle mounted)	Optional
Auto-deployable dish (transportable)	Optional

<sup>1</sup> - Up to 50 concurrent SIP Extensions

<sup>2</sup> - Up to 4km, 12 floors or 250k sq.ft. Of facility coverage



## PART ONE: VOICE

Analog CO Lines Ports	Up to 8	<b>Signaling</b> : Loop Start up to 1200 $\Omega$ DTMF <b>Dialing</b> : ITUI-T Q.23 & Q.24
VoIP Trunks Ports	Up to 16	<b>Protocols</b> : SIP v2, SIP over TCP, Symmetric TRP, RTCP 100 rel/PRACK <b>CODECs</b> : G.711(A-law, $\mu$ -Law), G.723, G729AB, GSM-FR, GSM-EFR and iLBC
T1/E1 PRI Lines Port	Up to 3	<b>Channels</b> : 23B+D and 30B+D <b>Line coding</b> : AMI/B8ZS for T1 and HDB3 for E1 <b>Framing</b> : ESF for T1 and CEPT1(W/WO CRC) for E1
GSM / 3G Trunks Ports	Up to 8 +	<b>GSM Band (MHz)</b> : Quad-Band GSM850, EGSM900, DCS1800, PCS1900 Tri-Band: WCDMA 850/1900/2100 and WCDMA 900/1900/2100
Analog Extensions Ports	Up to 24	<b>Signaling</b> : DTMF and Pulse (10/20PPS) <b>DTMF Detection</b> : ITU_T Q.24
Digital Extensions Ports	Up to 24	<b>Signaling</b> : Proprietary Digital (2B+D) <b>Interface</b> : Single pair for Speech, Signaling and Power
IP Extensions Ports	Up to 50	<b>Protocols</b> : SIP v2, SIP over TCP, Symmetric TRP, RTCP 100rel/PRACK <b>CODECs</b> : G.711(A-law, $\mu$ -Law), G.723,G729AB, GSM-FR, GSM-EFR and iLBC
RS232C Port	1	
Digital Input Port	1	Optional
Digital Output Port	3	Optional
Analog Input Port	1	0,7 Vrms, Isolated, 3.5mm Connector
Analog Output Port	1	0,7 Vrms, Isolated, 3.5mm Connector
Conference	6	
Ethernet Port	1 10/100 Mbps RJ45 Port To Connect VoIP Users and Trunks, Web-based Programming and CDR Reports	
Voice Mail System	16 Channels, Mailboxes for Individual Users, Email Notification	
Voice Messages	16 Modules of 14 seconds each For Auto-Attendant, Voice Tones, Voice Help	
Power Supply	100-240VAC, 47-63Hz	
Operating Temperature	-10°C to 50°C, 5-95% RH, Non-Condensing	
Storage Temperature	-40°C to 85°C, 5-95% RH, Non-Condensing	
Power Consumption	40W	
Dimensions W/O extension	Rack Mount Carrying Case 24" x 13" x 24"	
Unit Weight	Up to 60 pounds + UPS	

## PART TWO: DATA

### WAN

Dual SIM, Dual-modem capable with optional Dual-Modem Dock

WiFi as WAN

4G LTE/HSPA+/EVDO (multi-carrier), Band 14 ready

Failover/Failback

Load Balancing

Advanced Modem Failure Check

WAN Port Speed Control

WAN/LAN Affinity

IP Passthrough

### LAN

VLAN 802.1Q

DHCP Server, Client, Relay

DNS and DNS Proxy

DynDNS

UPnP

DMZ

Multicast/Multicast Proxy

QoS (DSCP and Priority Queuing)

MAC Address Filtering

### WiFi

Dual-Band, Dual-Concurrent

802.11 a/b/g/n/ac

Up to 128 connected devices (64 per channel - 2.4 GHz and 5 GHz)

WPA2 Enterprise (WiFi)

Hotspot/Captive Portal

SSID-based Priority

### Management

Cloud Manager

Web UI, API, CLI

Active GPS support on all models

Data Usage Alerts (router and per client)

Advanced Troubleshooting (support)

Device Alerts

SNMP

SMS control

Serial Redirector

Auto APN recovery

### VPN and Routing

## PART TWO: DATA

IPsec Tunnel - up to 5 concurrent sessions

L2TP

GRE Tunnel

OSPF/BGP/RIP

Per-Interface Routing

Routing Rules

NAT-less Routing

Virtual Server/Port Forwarding

NEMO/DMNR

IPv6

VRRP

STP

NHRP

VTI Tunnel support

Open VPN support

CP Secure VPN compatible

### Security

RADIUS and TACACS+ support

802.1x authentication for Ethernet

Zscaler integration

Certificate support

ALGs

MAC Address Filtering

Advances Security Mode (local user management only)

Per-Client Web Filtering

IP Filtering

Content Filtering (basic)

Website Filtering

## PART THREE: RADIO INTEROPERABILITY GATEWAY

Virtually "Plug-n-Play". Easy to Setup and Operate

Compatible with all Military and Commercial Radios

- ✓ Any frequency (HF/VHF/UHF or 700 - 900 MHz)
- ✓ Any platform (Digital or Analog, Trunking or Simplex/Conventional or TETRA)
- ✓ P25, Narrowband or Legacy Wideband

External AC/DC

Encrypted/ "Clear" Unencrypted Radios

Audio Recorder or Self-Amplified Speaker (Optional)

Available in: 2 ports, 5 ports / 2 group talk and 10 ports / 4 group talk

Operator handset

From any phone, you can talk to all the radios simply by dialing the radio extension