

Matrix ETERNITY LE vs. Clixo IPX 22K HYDRA

Parameters	Matrix ETERNITY LE	Clixo IPX 22K HYDRA
Architecture	<ul style="list-style-type: none"> • Hybrid IP Platform (Converged IP platform with diverse network support) • Universal slots based architecture 	<ul style="list-style-type: none"> • Converged IP Platform (software communication server platform)
System Components	ETERNITY LE platform with Expansion Cards as per requirement – no other hardware/equipment	Real Time Communication Server
Network Support and System Capacity	<ul style="list-style-type: none"> • Scalability up to 2000 Users • Trunks: <ul style="list-style-type: none"> ○ Analog – Max. 128 Ports ○ ISDN BRI – Max. 32 Ports ○ T1/E1 PRI – Max. 24 Ports ○ GSM – Max. 128 SIMs ○ IP – 32 SIP accounts ○ Radio – Max. 16 ports ○ Magneto – 128 ports • Subscribers: <ul style="list-style-type: none"> ○ Analog – Max. 1344 ○ Digital – Max. 128 ○ On-side/Off-side Mobility –GSM Mobile phones, Mobile phones with SIP client (SPARSH M2S) for Android & iOS, Laptop (PC soft phone), IP-DECT phones ○ IP Users – 1500 Users • Matrix offers Universal connectivity. • Matrix solution offers on-campus and off-campus mobility by extending extension features to user’s GSM mobile phone • Communication over radio where cabled infrastructure is not available • Specialized Intercom Line cards 	<ul style="list-style-type: none"> ○ Scalability up to 12000 Users ○ Trunks: <ul style="list-style-type: none"> ○ Analog ○ ISDN BRI ○ E1 PRI ○ Requires VoIP gateway for GSM trunks ○ SIP ○ Magneto ○ No Radio interface ○ Subscribers: <ul style="list-style-type: none"> ○ Analog ○ IP ○ No On-side/Off-side Mobility – no Mobile phones with SIP client for Android, Laptop, DECT phones ○ No specialized cards for Intercom

Features required by Enterprise		
Directory Lookup	Simple access to Corporate Directory (LDAP) support with search parameters, output of results on the display and direct dialing from the displayed number	No information available
Conference	<ul style="list-style-type: none"> • Multiple Participants conference is possible. • Maximum 45 Participants conference 	<ul style="list-style-type: none"> • Multiple Participants conference is possible. • Maximum 64 Participants conference
Voice Mail	<ul style="list-style-type: none"> • In-skin Voice Mail expansion card • 16 Ports, 512 mailboxes, up to 576hrs storage • Voice Mail Notification • Voice Mail to E-mail • Conversation Recording 	<ul style="list-style-type: none"> • Voice Mail • Call recording via CTI Suite
Fail-over	Automatic fail-over to secondary network and alternate routing (LCR alternate routing)	No information available
Reliability and Redundancy	<ul style="list-style-type: none"> • Redundancy of Power Supply and CPU Card • Hot Swap architecture enables insertion and removal of cards in Power-on Condition • Voice codecs: G.723, G.729AB, G.711 a/u-law, GSM-FR and iLBC 	<ul style="list-style-type: none"> • Redundancy for Power Supply and CPU • Hot-swappable controls in Hot-standby mode
Feature list	<ul style="list-style-type: none"> ○ Non-blocking Communication ○ Built-in Auto-attendant ○ Flexible Extension Numbering ○ Noise - free Multi – party Conference ○ Conference Dial-in ○ Do Not Disturb (DND) ○ Caller Line Display ○ Emergency Calling ○ Multiple Alarms (Day, Date & Time) ○ Multiple Security Extensions ○ Security Station Monitoring ○ External Music Port ○ Least Cost Routing ○ Public Announcements via Public Address System Interface ○ Security Dialing and Reporting 	<ul style="list-style-type: none"> ○ Networking over QSIG or IP ○ Automatic Call Distribution ○ Call Conference ○ Call Transfer ○ Call forward ○ Voicemail ○ Call Recording via CTI Suite ○ Call Hold ○ Do Not Disturb (DND) ○ Fixed Mobile Convergence ○ Disaster Recovery ○ Multi-party conference ○ Least Cost Routing

	<ul style="list-style-type: none"> ○ Networking Multiple Buildings over QSIG or IP to function as one ○ Call Taping ○ Hotline ○ Attended or supervised call transfer ○ Unattended or Unsupervised call transfer ○ Call hold and resume ○ Call transfer ○ Call forward ○ Call forking ○ Call Park ○ Call Budgeting ○ Call Pick-up Groups ○ Hotel features ○ Live Call Supervision ○ Logical Partitioning ○ Music on Hold ○ Presence and IM ○ Retrieve voicemail from a remote system (DISA) ○ Return Call to Original Caller ○ Busy Lamp Field (BLF) ○ Fax Support ○ Operator Console/Attendant Console ○ DID ○ Parallel Ringing ○ Radio Interface ○ CUG over GSM 	
CTI	Yes-Support to third party CTI applications for call centers and contact centers	Yes
Management	<ul style="list-style-type: none"> ● Web based management through any computer. No any additional application required to access advance functions ● Web-based GUI includes Configuration management, Backup and restore, system log and SMDR 	<ul style="list-style-type: none"> ● Remote management of the system is made possible using IP links and also using inbuilt dial up modems in the system.
Call Detail Record	<ul style="list-style-type: none"> ● Call Detail Records – Incoming, Outgoing, Internal, Networked 	No information available

	Systems <ul style="list-style-type: none"> Up to 12000 call records 	
Networking	<ul style="list-style-type: none"> Networking through SIP and QSIG (ISDN) No Separate Gateway required. Networking possible through VoIP Card or T1/E1/PRI card 	<ul style="list-style-type: none"> Networking through SIP and QSIG (ISDN)
Installation	<ul style="list-style-type: none"> 19" Rack Mount, Table Top and Wall Mount 	No information available

Summary:

- Extended Connectivity:**
 - Support for GSM
 - Support for Radio (HF/VHF/UHF)
 - Analog Input & Output Ports
 - Matrix Mobile Softphone Client SPARSHM2S for on-site and off-site mobility (free of cost for Android & iOS based smartphones) and one-touch access to PBX features
- Enhanced Flexibility:**
 - Added flexibility through mixed configuration Expansion cards – saves on investment for smaller requirements or changing requirements
 - Flexibility of using the expansion cards of small capacity system (ETERNITY ME) in ETERNITY LE – extended Hassle free scalability to users
- Ease of Installation:**
 - No hassle of maintaining additional gateway units- saving over space in the server room or telecom room and reducing the maintenance inconvenience
 - Less requirement of external applications and hardware – only single box to manage
 - All the features and extensions are configurable through web-based GUI, no need of extra software/links. Even the comprehensive Hotel/Motel features are built-in and do not require any external software
- Cost Effectiveness:**
 - Matrix ETERNITY based solution is a comprehensive single box solution and scalability includes only expansion cards and certain licenses with diverse network support and features like Least Cost Routing, Call Budgeting, Toll Control, etc. reducing overall telecom cost

Comparisons are based on information available from respective product catalogues and manuals to the best of our knowledge.
For more details, please contact respective manufacturer

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