

Comparative Product Study



Matrix ETERNITY LE



KAREL DS-200

SYSTEM OVERVIEW:

Built-in System Resources - Matrix ETERNITY LE	
System Architecture	Single chassis solution
CO ports and Analog Phone ports	Ports to connect 128 Analog Trunk lines and 1344 Single Line Telephones
Network interfaces	CO(TWT), VoIP, GSM, ISDN PRI, BRI, E&M, Radio Interface
GSM Connectivity	In-skin GSM Connectivity up to 128 SIMs
User Interface	Analog, Digital, IP/SIP, DECT phones and Android/iOS based mobile phones

Built-in System Resources - KAREL DS-200	
System Architecture	Stackable architecture
CO ports and Analog Phone ports	Ports to connect Analog Trunk Lines and Single Line Telephones
Network interfaces	CO(TWT), VoIP, ISDN PRI, BRI, E&M
GSM Connectivity	External GSM Gateways are required
User Interface	Analog, Digital, Standard/SIP, DECT phones

Key Features of ETERNITY LE

- **Range of Phone connectivity options** – Analog Phones, Digital Key Phones, DSS Consoles, IP/SIP Phones, Mobile Phones and Android/iPhone Smartphones as Extensions.
- **Multiple trunk options** – Analog CO trunk lines, E&M, Magneto, Radio interface, VoIP trunk lines, GSM/3G mobile trunks and ISDN BRI trunks and T1/E1 PRI lines to reduce call costs.
- **Advance telephony features** – Functionality such as Voice Mail, Unified Messaging, Auto-Attendant, Mobility, Trunks and Extensions, Scheduled Call Forward, CDR reports, Presence Sharing and IM, Multiparty Conference and lot more.
- **Remote management** – The built-in web-browser based functionality enables configuration from any remote location.
- **Advance voice mail** – Voice mail with advance features such as multiple Auto-Attendants languages, personalized greetings, and broadcasting message to mailboxes, voice mail to email notification and conversation recording up to 576 hours.

	Matrix ETERNITY LE	KAREL DS-200
System scalability	<ul style="list-style-type: none"> • Scalable up to 1344 analog and 999 IP users • Single chassis system (Single power supply and reduced cabling) • Universal slot flexibility-any slots can be used for SLT, DKP, CO, ISDN BRI, T1/E1 PRI, GSM and VoIP 	<ul style="list-style-type: none"> • Scalable up to 1344 (with six racks) analog and 750 IP users • Stackable system (increased cabling and power supply for each rack) • Combination of reserved and universal slots
Mobility	<ul style="list-style-type: none"> • Android/iOS based Mobile phones 	<ul style="list-style-type: none"> • No support for Android/iOS based mobile phones
Trunks and terminals connectivity options	<ul style="list-style-type: none"> • Offers various network interfaces like POTS, ISDN BRI, T1/E1 PRI, GSM, VoIP, E&M, Magneto and Radio interface • In-skin GSM connectivity • Flexibility of analog phones, digital key phones, IP/SIP phones, DECT phones, PC soft phones and Android/IOS based mobile phones as extension side connectivity 	<ul style="list-style-type: none"> • Offers various network interfaces like POTS, ISDN BRI, T1/E1 PRI, VoIP and E&M • Additional cost for GSM connectivity via external GSM gateways • Flexibility of analog phones, digital key phones, IP/SIP phones, PC soft phones and DECT phones as extension side connectivity
Integrated features	<ul style="list-style-type: none"> • Integration of value added features such as built-in auto attendant, call back on mobile ports, call budgeting, up to 45 party conference • Ready integration with Property Management and Call accounting softwares • Built-in Voicemail system with 576 hours recording 	<ul style="list-style-type: none"> • Automatic call distribution , optional 32 party conference, no facility of call back on mobile • No such ready integration with the system • Voice mail system with 22 hours recording

	<ul style="list-style-type: none"> • Supports various third party applications like ACD, IVR, Dialler, Voice Logger, etc. via Computer Telephony Integration • Built in auto attendant to answer minimum 5 calls simultaneously • Interoperable with UHF/VHF/HF radios: <ul style="list-style-type: none"> ○ MOTOROLA ○ TADIRAN RT 6001/PRC 6020 (HF) ○ TADIRAN RT-7330M (VHF) ○ STARS V MKII 25W ○ LUP 322 (VHF) ○ HYT TM-610 ○ ICOMM F110 	<ul style="list-style-type: none"> • Supports Computer Telephony Integration • Integrated auto-attendant module • No radio interface support
Communication Convenience	<ul style="list-style-type: none"> • Handles call traffic as high as 40%. • CLI based routing • 45 Party Conference • Return Call to Original Caller • Auto call back on mobile • Busy Lamp indication • Department group • Call pick-up • Call back on trunk • Automatic DISA • Conversation recording • Allowed and Denied call lists • Auto-redial • Call logs to identify missed Calls • Presence and Instant Messaging • Flexible numbering plan up to 6 digits • Logical partitioning • Enterprise directory • Emergency numbers • CLI based DISA 	<ul style="list-style-type: none"> • CLI based routing • 32 Party Conference • Last number redial • Call Record listing • Busy extension signaling • Group Call pick up • Presence and Instant Messaging • Enhanced Phonebook • Conversation recording

IP Features	<ul style="list-style-type: none">• Dynamic DNS• Registrar Server• Proxy server• NAT and STUN support	<ul style="list-style-type: none">• DNS to be added in new CPU• NAT and STUN support
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Comparisons are based on the information available from brochures and manuals to the best of our knowledge. For more details please contact respective manufacturer.