TECHNICAL SPECIFICATIONS

MATRIX ETERNITY PENX

ETERNITY PENX is an integrated IP-PBX with seamless mobility. This new platform offers higher RAM and enhanced features of the SARVAM application. With ETERNITY PENX, Matrix offers up to 100 IP users and about 6 universal slots. However, PENX now runs on the SARVAM UCS platform to provide convergence with traditional technology.

This provides the customers with the smart benefit of hybrid technology that can help them seamlessly switch and bridge between legacy equipment, trending IP technologies, and next-gen unified communication.

SYSTEM CAPACITY	ETERNITY PENX
Universal slots	6
FXS ports (SLT)	48
DKP port	16
IP users	100
FXO ports (CO)	16
PRI ports	2

GSM/3G/4G VoLTE ports	8
SIP Trunks	50
Max. VoIP Channel	64
Max. VMS Channel	16
Max. IP to IP Call (Transcoding)	32
Max. IP to IP Call (DRTP/Relay RTP)	64
Max. IP to TDM Call	64
Max. TDM to TDM	Non-Blocking

SYSTEM CAPACITY	ETERNITY PENX
No. of Voice module	16
Simultaneous Voice Module Playback	5
Max. Audio conference participants (System wide)	48
Max. Audio conference participants (In a single multi-party conference)	15
Max. Number of simultaneous 3-party conference	16
VoIP Protocol	SIP, SDP, RTP, SRTP
Network Protocol	IPV6, IPV4, TCP, UDP, VLAN, DHCP, PPPoE, QoS, STUN
Transport Protocol	UDP, TCP, TLS
Codec	G.711 (A-law, µ-Law), G.723, G.729AB, GSM-FR, iLBC
DTMF	RTP (RFC2833), SIP Info, IN-Band
LAN	Gigabit port
WAN	Gigabit port
Voicemail	Yes
Call recording	2170 Hr.
USB storage capacity	64 GB
Internal USB port	1
External USB port	1
Mounting Options	1. 19" Rack Mountable 2. Table Top 3. Wall Mountable
Dimensions (W x H x D)	482 X 331 X 55 (mm) - with Clamps

	448 X 331 X 55 (mm) - without Clamps
Unit Weight (Kg)	2.40 Kg Approximately
Shipping Weight (Kg)	3.80 Kg
Shipping Material Type	Breakable
Power Supply Options	AC PS
Power Supply Input Range	AC PS: 100 - 240 VAC
Power Consumption*	For AC PS: 40W
Operating Temperature	Minimum Operating Temperature: 0℃ Maximum Operating Temperature: 45℃
Operating Humidity	5 - 95 RH, Non-Condensing
Storage Temperature	Minimum Storage Temperature: -20℃ Maximum Storage Temperature: +70℃
Storage Humidity	0 - 95% RH, Non-Condensing

Note: Specifications are subject to change without prior notice

*. Considering 30% SLT off-hook when 48 SLTs are connected.

ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. As a technology-driven and customer-focused organization, the company is committed to keeping pace with the revolutions in the Security and Telecom industries.

With around 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance Systems – Video Management Systems, Network Video Recorders and IP Camera, Access Control and Time-Attendance Systems as well as Telecom Solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. These solutions are feature-rich, reliable, and conform to international standards.

Having global footprints in Asia, Europe, North America, South America, and Africa through an extensive network of more than 4000+ channel partners, Matrix ensures that the products serve the needs of its customers faster and longer.

Matrix has ISO 27001: 2013, 20000-1 2018, 14001- 2015, and 9001: 2015 certifications for quality management standards. Matrix has also been awarded ZED Quality Certification, and DSIR Certification for indigenous R&D and Manufacturing. Matrix has gained the trust and admiration of customers representing the entire spectrum of industries.

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