

KX-TDE100
Pure IP-PBX

The KX-TDE100 OneNet Pure IP PBX is an advanced corporate communication system providing IP telephony features and functionalities over both local and broadband IP networks. Empowered with the latest SIP technology and packed with extensive productivity applications, the KX-TDE100 OneNet IP-PBX is designed for a medium to large business up to 256 users.



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System Capacity

Extensions (MPR)

IP Proprietary Telephone (IP-PT) and Ip Softphone	128.0
IP Single Line Telephone (IP-SLT)	128.0

Extensions (Free Slot)

IP Proprietary Telephone (IP-PT)	96.0
Single Line (a/b) Telephone (SLT)	128.0
Digital Proprietary Telephone (DPT) (Type 1)	128.0
Digital Proprietary Telephone (DPT) (Type 2)	32.0
Analogue Proprietary Telephone (APT)	24.0
Direct Station Select (DSS) Con-sole	8.0
Voice Processing System (VPS)	2.0
Total System Trunk Ports	128.0

Trunks (MPR)

VoIP Channel Card - DSP16	32.0
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VoIP Channel Card - DSP64 32.0

Trunks (Free Slot)

Analogue Trunk 96.0

ISDN Trunk 96 (48 BRI)
120 (4 PRI)

IP-Gateway 64

Wireless

Portable Station (PS) 128.0

Cell Station (CS) 32.0

Music on Hold

Number of Ports 2.0

Support for External Music Source

Connectors

CO Line Amphenol Connector

Station Amphenol Connector

Paging Output 2 conductor jack

External Voice Output 2 conductor jack

RS232C/SMR Outputs 1port (115.2kbps)

Ethernet RJ45 2 ports

Features

System

Tenant 8.0

Class of Service 64.0

Trunk Group 64.0

User Group 32.0

Paging Group 32.0

Call Pickup Group 64.0

Incoming Call Distribution (ICD) Group 128 (32 extensions per group)

Portable station (PS) Ring Group 32.0

Voice Mail (DPT) Group 2 units x 24 ch

Queuing Time Table 64.0

Idle Extension Hunting Group 64 (16 extensions / group)

Absent Message (System / Extension) 8 message x 16 characters per system, 1 message x 16 characters per extension

Message Waiting 512.0

Number of the characters of Name 20.0

Extension Number Digits	1 - 4 digits
Call Park Zone	100.0
Conference	3x10 - 8x4
Special Carrier Code	16 digits, 20 entries
Verified Code	4 digits x 1000 entries
Host PBX Access Code	10 digits (10 entries / trunk group)
DDI/DID Table	32 digits (1000 entries)
Station Message Detailed Recording (SMDR) Call Storage	1000 calls w/o EMEC card, 4000 calls w EMEC card
External Paging	yes
Internal Paging (Zone Paging)	yes
SIP Support	Supports SIP 2.0. RFC3261 (UDP), RFC3262 (PRACK), RFC3262 (Offer/Answer), RFC3311 (UPDATE), RFC4028 (Session Timer)

Power Voltage

AC (V)	AC100V ~ 130V / 200V ~ 240V (No switch)
Hz	50 / 60 Hz
External Battery	+36V (+12V x 3), Built-in interface
Memory Back-up Duration (years)	7.0

Dialling

Extension DP (pps)	10pps, 20pps
CO-DP (pps)	10pps, 20pps
DTMF	yes
Emergency Call	32 digits, 10 entries
Quick Dialling	8 digits, 4080 entries
Personal Speed Dialling	32 digits, 100 entries per extension
One-Touch Dialling	32 digits
Hot Line	32 digits
Key Pad Protocol Dial (ISDN Service Access)	32 digits
Redial	32 digits

Automatic Route Selection (ARS)

Routing Plan Table	16 entries
Leading Number Table	16 digits, 1000 entries
Leading Number Exception Table	16 digits, 200 entries
ARS Carrier	10.0
Itemised Billing Code	10 digits
Authorisation Code	10 digits

Call Log



Outgoing Call Log	100 logs per extension
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Incoming Call Log	100 logs per extension
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Voice Mail

Max Number of VPS Systems	2.0
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Max Number of VPS Channels	2 x 24 ch
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Networking

TIE Routing Table	32 entries
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Leading Number	3 digits
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PBX Code	7 digits
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Password

System Password for Administrator	4-10 digits
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System Password for User	4-10 digits
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Manager Password	4-10 digits
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Extension Personal Identification Number (PIN)	10 digits / extension
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Mode Conversion

DP-DTMF	yes
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DTMF-DP	yes
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Ring Frequency (selectable (Hz))	20 /25 Hz (Selectable)
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Trunk Loop Limit (ohms (Max))	1600.0
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Operating Environment

Temperature (°C)	0-40 °C
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Temperature (°F)	32-104 °F
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Humidity (%)	10 - 90 %
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General Data

Dimensions (mm)

Width	334.0
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Height	390.0
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Depth	272.0
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Weight (when fully mounted)	Under 12 Kg (Fully configured)
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