

**KX-TDE200**  
Pure IP-PBX

The KX-TDE200 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-TDE200 OneNet IP-PBX is designed for a medium to large business up to 256 users.



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**System Capacity**

<b>Total Number of Extensions</b>	256.0
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**Extensions (MPR)**

<b>IP Proprietary Telephone (IP-PT) and Ip Softphone</b>	64.0
<b>IP Single Line Telephone (IP-SLT)</b>	128.0

**Extensions (Free Slot)**

<b>IP Proprietary Telephone (IP-PT)</b>	128.0
<b>Single Line (a/b) Telephone (SLT)</b>	128.0
<b>Digital Proprietary Telephone (DPT) (Type 1)</b>	256.0
<b>Digital Proprietary Telephone (DPT) (Type 2)</b>	128.0
<b>Analogue Proprietary Telephone (APT)</b>	64.0
<b>Direct Station Select (DSS) Console</b>	8.0
<b>Voice Processing System (VPS)</b>	2.0
<b>Total System Trunk Ports</b>	128.0

### Trunks (MPR)

<b>VoIP Channel Card - DSP16</b>	32.0
<b>VoIP Channel Card - DSP64</b>	32.0

### Trunks (Free Slot)

<b>Analogue Trunk</b>	128.0
<b>ISDN Trunk</b>	128 (64 BRI) 120 (4 PRI)
<b>IP-Gateway</b>	64

### Wireless

<b>Portable Station (PS)</b>	128.0
<b>Cell Station (CS)</b>	32.0

### Music on Hold

<b>Number of Ports</b>	2.0
<b>Support for External Music Source</b>	yes

### Connectors

<b>CO Line</b>	Amphenol Connector
<b>Station</b>	Amphenol Connector
<b>Paging Output</b>	2 conductor jack
<b>External Voice Output</b>	2 conductor jack
<b>RS232CSMDR Outputs</b>	1port (115.2kbps)
<b>Ethernet RJ45</b>	2 ports

### Features

#### System

<b>Tenant</b>	8.0
<b>Class of Service</b>	64.0
<b>Trunk Group</b>	64.0
<b>User Group</b>	32.0
<b>Paging Group</b>	32.0
<b>Call Pickup Group</b>	64.0
<b>Incoming Call Distribution (ICD) Group</b>	128 (32 extensions per group)
<b>Portable station (PS) Ring Group</b>	32.0
<b>Voice Mail (DPT) Group</b>	2 units x 24 ch
<b>Queuing Time Table</b>	64.0
<b>Idle Extension Hunting Group</b>	64 (16 extensions / group)
<b>Absent Message (System / Extension)</b>	8 message x 16 characters per system, 1 message x 16 characters per extension

<b>Message Waiting</b>	512.0
<b>Number of the characters of Name</b>	20.0
<b>Extension Number Digits</b>	1 - 4 digits
<b>Call Park Zone</b>	100.0
<b>Conference</b>	3x10 - 8x4
<b>Special Carrier Code</b>	16 digits, 20 entries
<b>Verified Code</b>	4 digits x 1000 entries
<b>Host PBX Access Code</b>	10 digits (10 entries / trunk group)
<b>DDI/DID Table</b>	32 digits (1000 entries)
<b>Station Message Detailed Recording (SMDR) Call Storage</b>	1000 calls w/o EMEC card, 4000 calls w EMEC card
<b>External Paging</b>	yes
<b>Internal Paging (Zone Paging)</b>	yes
<b>SIP Support</b>	Supports SIP 2.0. RFC3261 (UDP), RFC3262 (PRACK), RFC3262 (Offer/Answer), RFC3311 (UPDATE), RFC4028 (Session Timer)

## Power Voltage

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

## Dialling

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

## Automatic Route Selection (ARS)

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

## Call Log

<b>Outgoing Call Log</b>	100 logs per extension
<b>Incoming Call Log</b>	100 logs per extension

## Voice Mail

<b>Max Number of VPS Systems</b>	2.0
<b>Max Number of VPS Channels</b>	2 x 24 ch

## Networking

<b>TIE Routing Table</b>	32 entries
<b>Leading Number</b>	3 digits
<b>PBX Code</b>	7 digits

## Password

<b>System Password for Administrator</b>	4-10 digits
<b>System Password for User</b>	4-10 digits
<b>Manager Password</b>	4-10 digits
<b>Extension Personal Identification Number (PIN)</b>	10 digits / extension

## Mode Conversion

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

## Operating Environment

<b>Temperature (°C)</b>	0 °C to 40 °C
<b>Temperature (°F)</b>	32 °F to 104 °F
<b>Humidity (%)</b>	10%to 90% (non condensing)

## General Data

### Dimensions (mm)

<b>Width</b>	430.0
<b>Height</b>	415.0
<b>Depth</b>	276.0
<b>Weight (when fully mounted)</b>	Under 16 Kg (Fully configured)