

# UNIVERGE® SV8000 Series Digital DECT Terminals



## At a Glance

- Delivers on-site mobility that improves efficiency and productivity
- Provides a cost-effective wireless solution built on proven technology
- Offers crystal-clear speech and secure air interface through powerful encryption
- Improves customer satisfaction by increasing user accessibility
- Installs quickly and easily

## Overview

To stay competitive, businesses must find ways to do more with less while ensuring that their customer service levels remain high. With NEC's UNIVERGE SV8000 Digital DECT Terminals, you are able to provide your employees with a more flexible work environment through wireless telephony. This flexibility extends the reach of your voice

communications and enables your employees to remain productive while away from their desk.

Through the superior quality and features of Digital Enhanced Cordless Telephony (DECT) technology, this cost-effective solution simplifies mobility and enables secure, crystal clear voice communications.

## Solution

### Improves Customer Satisfaction

Offering customers a quick, direct way to reach your employees without jumping through hoops improves customer satisfaction rates. Digital DECT enables your company to deliver this level of service by providing workers a way to be reached – even while they are away from their desks. When office and campus users have access to a system that features fixed and wireless connectivity with exceptional voice quality, seamless handover and a secure air interface, they can offer the outstanding service that your customers deserve.

communications features while away from their desks, you enable them to complete multiple tasks simultaneously. And because your employees can answer calls directly, reception workers and administrative assistants are free to complete other work.

### Increases Productivity

Digital DECT Terminals can increase the productivity of almost any organization. By giving your employees the ability to access

### Reduces Communications Costs

Because most calls can be answered immediately, callback charges are minimized. Additionally, no internal call costs are associated with Digital DECT Terminals. These terminals provide the optimal approach for flexible businesses. A single converged network can be used to provide both fixed and wireless telephony and reduce dedicated cabling requirements. Move, add and change costs in addition to cabling expenditures are reduced.

## Installs Quickly and Easily

Installing Digital DECT is easy, and your data and network remain secure. All wireless communications are encrypted to protect the privacy of both you and your customers. Digital DECT also provides feature transparency on NEC platforms plus a host of additional features. With all of these benefits, Digital DECT can make your business stand out in the crowd.

## DTL-RPT-1 Repeaters

The DTL-RPT-1 repeater lets you extend the coverage area of your UNIVERGE Digital DECT telephone system in all directions, including up and down. The repeaters are installed so their coverage area overlaps the coverage area of the base - then the base hands-off calls to the repeaters as the user moves from one coverage area to another. When connected to the repeater, the mobile handset operates exactly as it does when connected to the base. Hand-off from the base to the repeater is imperceptible to the user, even during an active call.

## Specifications

<b>Compliance</b>	FCC and IC part 15
<b>RoHS</b>	Yes
<b>Frequency</b>	1.9G (1920~1930 MHz) DECT 6.0
<b>Audio Process</b>	Digital (ADPCM)
<b>Operating Temperature</b>	0°~ +50°C
<b>Transmission</b>	TDMA/TDD
<b>Channels</b>	5
<b>ID Combinations</b>	130,000
<b>Features</b>	<ul style="list-style-type: none"><li>• Wi-Fi Friendly</li><li>• 2 line, 24 digit LCD Display</li><li>• LCD and Key Backlight</li><li>• 8 Programmable Keys</li><li>• Automatic Channel Selection</li><li>• Auto Standby®</li><li>• Low Battery Protection</li><li>• Wall Mountable Base and Charging Units</li><li>• Vibrating Ringer</li><li>• Adjustable Ringer</li><li>• 6 Ring Tones</li><li>• Handset/Headset/Speaker Volume</li><li>• Out of Range Detection and Alarm</li><li>• Separate Charging Stand</li><li>• Spare Charger</li><li>• 1-Key Access to Conference, Hold, Transfer and Redial</li></ul>

## Base Unit

<b>Receive/Transmit Frequency</b>	1920 ~ 1930 MHz
<b>Power Requirements</b>	10 V from supplied AC adapter
<b>Size</b>	58mm (H) x 215mm (D) x 130mm (W)
<b>Weight</b>	410g

## Handset

<b>Receive/Transmit Frequency</b>	1920 ~ 1930 MHz
<b>Power Requirements</b>	Nickel-Metal Hydride battery pack
<b>Size</b>	163mm (H) x 31mm (D) x 55mm (W)
<b>Weight</b>	150g (Handset = 120g + Battery pack = 30g)
<b>Battery Capacity</b>	910 mAh, 2.4V
<b>Talk Mode</b>	16 hours (typical)
<b>Standby Mode</b>	7 days (typical)

## DTL-RPT-1 Repeater

<b>AC Power Adapter Input</b>	120 V, 50-60 Hz, 90 mA (RJ-11)
<b>AC Power Adapter Output</b>	5 V dc , 620 mA
<b>Frequency Band</b>	1880MHz - 1900MHz
<b>Transmit Power</b>	240mW (+24dBm)
<b>Receiver Sensitivity</b>	<-92 dBm at 10-3 BER
<b>Standard</b>	DECT
<b>Features</b>	<ul style="list-style-type: none"><li>• Up to 6 repeaters per base</li><li>• Low power consumption</li><li>• Verifies repeater connection</li><li>• Up to 3 repeaters in sequential or daisy-chain layout</li></ul>

### Corporate Headquarters (Japan)

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