



UNIVERGE® SV8000 Series Digital DECT Terminals

Fulfilling the promise of UNIVERGE®360

UNIVERGE SV8000 Series Digital DECT Terminals combine the benefits of digital telephony with the superior quality and features of DECT technology. It is an important element of NEC's UNIVERGE®360 approach to unifying business and communications by adding mobility options to your infrastructure. This wireless system provides perfect voice quality, seamless handover and a secure air interface that protects your company's investments in existing telephones, applications and your network infrastructure.

At a Glance

- Improved customer satisfaction
- Increased productivity
- Reduced customer costs
- Secure and easy to install

Improve Customer Satisfaction

Offering customers a quick, direct way to your company's representatives 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 exceptional service that your customers deserve.

Increase Productivity

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

Reduce Communications Costs

These terminals provide an optimal cost-saving approach for 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 as well as additional cabling expenditures are reduced. Because most calls can be answered immediately, callback charges are minimized. Additionally, no internal call costs are associated with Digital DECT Terminals.

Select a Secure, Easy-to-Install Solution

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

Specifications

Compliance	FCC and IC part 15
RoHs	Yes
Frequency	1.9G (1920~1930 MHz) DECT 6.0
Audio Process	Digital (ADPCM)
Operating Temperature	0°~ +50°C
Transmission	TDMA/TDD
Channels	5
ID Combinations	130,000
Features	<ul style="list-style-type: none">• Wi-Fi Friendly• 2 line, 24 digit LCD Display• LCD and Key Backlight• 4 Programmable Keys• Automatic Channel Selection• Auto Standby®• Low Battery Protection• Wall Mountable Base and Charging Units• Vibrating Ringer• Adjustable Ringer• 6 Ring Tones• Handset/Headset/Speaker Volume• Out of Range Detection and Alarm• Separate Charging Stand• Spare Charger• 1-Key Access to Conference, Hold, Transfer and Redial

Extend Coverage with DTL-RPT-1 Repeaters

With the addition of the DTL-RPT-1 repeater, the coverage area of your UNIVERGE Digital DECT telephone system is extended in all directions – including up and down. If the repeaters are installed so their coverage areas overlap the base's coverage area, the base can hand-off calls to the repeaters as users 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.

Base Unit

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

Handset

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

DTL-RPT-1 Repeater

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

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