

**CNS9320UC**

## TECHNICAL DATA SHEET



### PRODUCT PERFORMANCE SPECIFICATIONS

The CANSORP Unified Communication System is a high-performance enterprise communication platform designed to deliver reliable voice communication, centralized call management, IP telephony integration, and advanced business communication features for organizations of all sizes.

Built on a scalable and stable architecture, the CANSORP platform supports analog phones, SIP phones, video phones, softphones, and remote communication endpoints within a unified communication environment. The system is suitable for corporate offices, educational institutions, healthcare facilities, manufacturing plants, hotels, transportation hubs, command centers, and multi-site enterprise deployments.

The solution combines enterprise-grade reliability, centralized administration, intelligent call routing, voicemail, conferencing, broadcasting, recording, and remote management capabilities into a single integrated platform.

## **KEY FEATURES**

- Supports up to 1,000 concurrent calls
- Supports up to 10,000 IP extensions
- Scalable modular architecture
- SIP-based VoIP communication support
- Analog and IP telephony integration
- Auto Attendant (IVR)
- Voicemail and call recording
- Audio conferencing support
- Call forwarding and call transfer
- Hotline and pickup functionality
- Broadcast and paging support
- Real-time extension monitoring
- Centralized web-based management
- Dual power redundancy support
- Hot standby backup support
- Secure remote access and administration
- Call Detail Records (CDR)
- Extension grouping and DID mapping
- Multi-site deployment support
- API integration capability

## **SPECIFICATIONS:**

<b>PARAMETER</b>	<b>SPECIFICATION</b>
System Type	Enterprise Unified Communication System
Mounting Type	19-inch Rack Mount
Chassis Size	2U Metal Enclosure
Processor	Quad-Core Enterprise Processor
Memory	32GB RAM
Storage Support	SSD/HDD Recording Storage
USB Ports	1 x USB
Console Port	1 x Console
Ethernet Ports	2 x Gigabit Ethernet
Cooling System	Intelligent Dual Cooling Fans
Power Supply	AC 100V-240V
Power Consumption	150W
Dimensions	482mm × 330mm × 88mm



## **COMMUNICATION FEATURES**

### **Voice Services**

- Auto Attendant (IVR)
- Operator Console
- Voicemail System
- Call Recording
- Audio Conferencing
- Paging and Broadcasting
- Wake-Up Call Functionality
- Personalized Ringback Tone
- Call Forwarding
- Number Translation
- Hotline Services
- Call Pickup
- Secretary Service
- Single Number Reach
- DID Binding
- Call Detail Record Reporting

### **Extension Support**

- Analog Phones
- SIP Phones
- Video Phones
- Softphones
- Remote Extensions
- Wireless IP Phones

## **NETWORK & PROTOCOL SUPPORT**

### **Supported Signaling Protocols**

- SIP
- IMS
- MGCP
- PRI
- SS7 ISUP
- PCM E1/T1

### **Supported Voice Codecs**

- G.711
- G.722
- G.723
- G.726
- G.729
- iLBC

### **Network Protocol Support**

- UDP
- TCP
- TLS
- RTP
- ICMP
- DHCP
- NTP

## **SECURITY FEATURES**

**The CANSORP communication platform incorporates enterprise-grade security and reliability features including:**

- User authentication management
- Access control permissions
- IP-based access restrictions
- Secure encrypted communication
- Firewall protection support
- System event logging
- Automatic heartbeat monitoring
- Backup and restore functionality
- Hot standby redundancy
- Centralized administration

## **MANAGEMENT FEATURES**

### **Web-Based Management**

The system includes an intuitive web-based administration interface for:

- Extension configuration
- User management
- Call routing configuration
- Real-time monitoring
- System diagnostics
- Backup management
- Call log analysis
- Permission assignment
- Firmware upgrades

## **OPERATOR CONSOLE FEATURES**

- Real-time operator monitoring
- Extension activity tracking
- Busy/Idle status display
- Incoming call monitoring
- Quick transfer controls
- Extension grouping
- Call queue visibility

## **RECORDING & STORAGE**

The system supports integrated voice recording functionality with optional SSD/HDD storage expansion for secure call recording storage and playback management.

Features include:

- Automatic call recording
- Scheduled recording
- Secure storage management
- Recording backup support
- Recording retrieval and playback
- Search and archive functions

## **REDUNDANCY & RELIABILITY**

**The CANSORP platform is engineered for high availability and uninterrupted communication.**

Key reliability features include:

- Dual power redundancy
- Hot standby failover
- Intelligent thermal management
- System self-diagnostics
- Automatic fault alerts
- Real-time health monitoring
- Automatic restart scheduling
- Continuous service operation

## **APPLICATION AREAS**

The CANSORP Unified Communication System is ideal for:

- Corporate Offices
- Hospitals
- Hotels
- Educational Institutions
- Manufacturing Plants
- Government Facilities
- Transportation Centers
- Industrial Campuses
- Multi-Branch Enterprises
- Command & Control Centers

## **COMPLIANCE & STANDARDS**

The CANSCORP platform is designed in accordance with relevant international communication, networking, electrical safety, and enterprise system standards.

The product supports enterprise-grade operational reliability, secure communication practices, and scalable deployment requirements suitable for modern business communication infrastructure.

## **PACKAGE CONTENTS**

- CANSCORP Main Communication Unit
- Power Supply Module
- Rack Mount Accessories
- Ethernet Connectivity Kit
- User Documentation

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