

NORCO-W400

NORCO-W400 Overview

NORCO VoIP Gateway W400 (NVoIP-W400) is a cost effective and highly reliable Voice over IP (VoIP) gateway with built-in NAT router that offers toll quality voice and real-time fax data over IP networks. It is a standard H.323 compliant Gateway with 4 analog telephony ports. NORCO-W400 includes 2 FXO and 2 FXS ports and enables user to make VoIP



calls with phone/fax directly or through PBX/CO line. NORCO-W400 also includes a WAN port and a built-in 4-port 10/100 BaseT Switching hub. It is a truly voice and data integrated networking device.

Advanced Feature of NORCO-W400

1. Effective QoS scheme allowing simultaneous VoIP and Data communication
2. Up to 4 channels of real-time voice and fax in a single embedded box simultaneously
3. Programmable line interfaces with country specific telephone settings
4. Build-in TFTP and Flash memory for S/W download and upgrade via network
5. Call Forward / Call Transfer
6. Support multiple VoIP Gateway on a LAN port (H.323 Application Level Gateway)
7. Network Address Translation (NAT) and Firewall support
8. Dynamic IP / PPPoE Client Support
9. DMZ support
10. Dynamic DNS (DDNS) and Virtual Server support
11. Bulk Call successful rate over 99.98%

Technical Specification:

| | |
|--|-------------------------------------|
| NORCO Model # | NORCO-W400 |
| Call control Protocol | H.323 Version |
| Voice Coders Support | G.711, G.723.1 and G.729 A/B |
| Real-time Fax relay | T.38 |
| LAN Ethernet (RJ-45) | 4 |
| WAN Interface (RJ-45) | 1 |
| RJ-11, Analog | Up to 4 Ports |
| QoS Features | |
| IP Precedence | Yes |
| Queuing Mechanisms | Yes |
| Management | |
| RS-232 Console Port | Yes |
| HTTP Web Browser | Yes |
| Telnet | Yes |
| Technical Specifications | |
| Processor Type | ARM 9 |
| Digital Signal Processor | TMS 320vc5409 |
| Memory | 16MB SDRAM |
| Flash Memory | 4MB |
| Chassis Slots | X |
| Ethernet (RJ-45) | 10/100 Base-T Auto Negotiation |
| WAN Interface (RJ-45) | 10/100 Base-T |
| Dimensions (H x W x D) | 44 x 133 x 24 mm |
| Weight | 1.90 Kgs |
| Environmental Conditions and Power Requirement: | |
| Operating Temperature | 32 to 122 F (0 to 50°C) |
| Non-operating Temperature | 10 to 140 F (-10 to 60°C) |
| Relative Humidity | 10% to 95% (non condensing) |
| Input Voltage, AC Power Supply | 90 – 260 VAC, auto ranging, 50-60Hz |
| Power Supply | External |
| Safety and Regulatory Compliance | |
| Safety Certification | CE, FCC Part 15, VCCI |

Order Information:

| | Part Number | Description |
|-------------------------------|-------------|---|
| Desktop Version | NORCO-200 | 2 Port FXS Gateway |
| | NORCO-400 | 4 Port Gateway (2FXS & 2 FXO) |
| | NORCO-404 | 4 Port FXO Gateway |
| | NORCO-404S | 4 Port FXS Gateway |
| | NORCO-W400 | 4 Port Gateway (2 FXS & 2 FXO), built in firewall, 1 WAN & 4 LAN port |
| 19" Rack Mount Version | NORCO-804S | 4 Port FXS Gateway |
| | NORCO-804 | 4 Port FXO Gateway |
| | NORCO-804E | 4 Voice/Fax channel with E&M interface |
| | NORCO-808X | 8 Port Gateway with FXS/FXO/E&M |
| | NORCO-FXS | 4 Port FXS Line Module |
| | NORCO-FXO | 4 Port FXO Line Module |
| | NORCO-E&M | 4 Port Line Module E&M Interface |
| | NORCO-ATS | NORCO Server |