SUB STATION INTERFACE UNIT N-8000RS(CE)

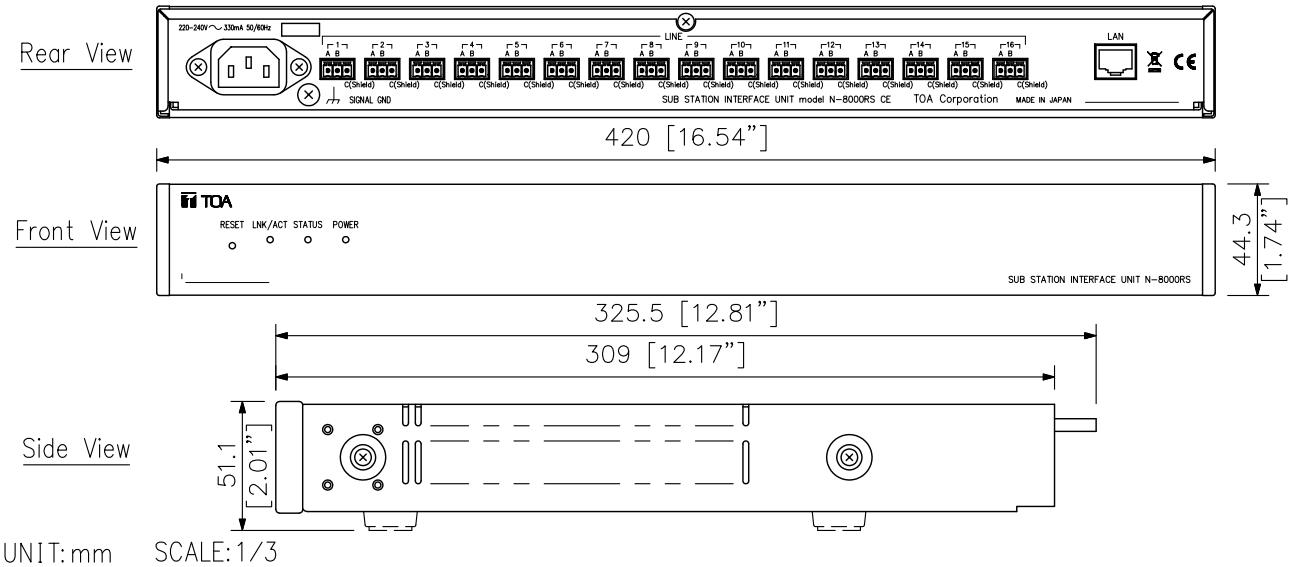
■DESCRIPTION

The N-8000RS is a Sub-station interface unit designed for use with TOA's packet intercom system (IP network-compatible intercom system) that employs the packet audio technology.
Up to 16 sub-stations can be connected using 2-core shielded cables.
The number of LAN-connected N-8000 system components such as the N-8000RS and IP intercom exchanges is 192 maximum in total.
Connecting the unit to the LAN permits the sub-station to make calls to the IP station and receive paging calls through the IP intercom exchange.
It can be mounted in an EIA equipment rack (1U size) with the use of an accessory rack mounting bracket or installed on a wall using an optional wall mounting bracket.

■SPECIFICATIONS

Power Source	220 – 240 V AC, 50/60 Hz
Power Consumption	40 W (at rated), 50 W (max.)
Interface Section for Sub-station	Number of lines: 16 lines Number of speech link: 2 links Transmission system: Analog baseband Transmission range: 500 m (546.81 yd)/ø0.5 mm (AWG24), 800 m (874.89 yd)/ ø0.65 mm (AWG21), 1300 m (1421.7 yd)/ø0.9 mm (AWG19) Speech method: Half-duplex conversation by way of voice switch, Half duplex conversation through PTT operation on the master station Connector: Removable terminal block (3 pins) Wiring method: Two-core shielded cable Audio output: Conversation: Max. 1 W, Paging: Max. 0.5 W/line Feeding voltage/current: 22 V DC, 30 mA max. Control signal: Call in button detection, privacy button detection, hook detection
Network Section	Network I/F: 10BASE-T/100BASE-TX (Automatic-Negotiation) Auto MDI/MDI-X compatible Network protocol: TCP/IP, UDP, HTTP, RTP, ARP, ICMP, IGMP Audio packet transmission system: Unicast (Speech: 2 links, Paging: Max. 8 zones) Connector: RJ45 connector Voice sampling frequency: 16 kHz, 8 kHz (controllable on the software) Quantifying bit number: 16-bit Voice encoding method: Sub-band ADPCM, Cryptosystem Voice packet loss recovery: Silence insertion Audio delay time: 80 ms, 320 ms (controllable on the software)
Indication	Network LNK/ACT indication, Status lamp, Power-on indication lamp
Other	Firmware update function, System data hold function, Reset switch (front panel)
Setting Method	Rack, Desk, Surface mount
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Pre-coated steel plate, black, 30 % gloss
Dimensions	420 (W) × 44.3 (H) × 325.5 (D) mm (16.54" × 1.74" × 12.81")
Weight	3.9 kg (8.6 lb)
Accessory	Power cord (2 m (6.56 ft))…1, CD (for PC setting, maintenance use)…1, Removable terminal plug (3 pins)…16, Plastic foot…4, Screw for fitting plastic foot…4, Rack mounting bracket…2, Screw for mounting bracket…8, Screw for rack mounting…4
Option	Wall mounting bracket: YC-850

■APPEARANCE



TOA Corporation

DWG No: GN-019A1-1