

DESCRIPTION

The Q-N8540WP is an IP door station employing packet audio technology. Connecting the Q-N8540WP to an IP network (LAN or WAN) permits hands-free conversation of high sound quality to be made between the Q-N8540WP and the intercom station connected to the IP Intercom Exchange, or between the Q-N8540WP and an IP multifunctional master station. Besides, the Q-N8540WP can be used in conjunction with the Multi Interface units through a network. It is in full conformity with IP54 water-proof and dust-proof standards. The operating temperature range is -10 to 50°C . As provided with guard nets inside to cover over the openings of microphone and speaker, the Q-N8540WP can be installed free from care in public space.

SPECIFICATIONS

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| Power Source | Power supply device that complies with IEEE802.3af standard or 12 V DC (supplied from the AC adapter (option)) |
| Power Consumption | 4.2 W (at rated), 6 W (max.) |
| Speech Method | Hands-free conversation |
| Audio Frequency Range | 300 – 7,000 Hz |
| Hands-free | Speaker: 3.5 cm cone-type, 1 W, $8\ \Omega$ Microphone: Omni-directional electret condenser microphone |
| Contact Output | Open collector output, withstand voltage: 30 V DC, control current: 50 mA one shot: can be set from 1 to 9 sec, screw terminal (polarized) |
| Network Section | |
| Network I/F | 10BASE-T/100BASE-TX (Auto-Negotiation) |
| Network Protocol | TCP/IP, UDP, ARP, ICMP, HTTP, RTP, IGMP |
| Audio Packet | Unicast, Multicast |
| Connector | RJ45 connector (PoE compatible) |
| 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) |
| Installation Method | Flush-mount/Surface-mount |
| Operating Temperature | -10°C to $+50^{\circ}\text{C}$ |
| Operating Humidity | Under 90% RH (no condensation) |
| Housing Protection | BS EN62262: 2002: IK02 equivalent |
| Dust/Water Protection | IP54 (Note that panel edges must be sealed at installation.) |
| Resistance to Environment | Passed our gas corrosion test and neutral salt spray test |
| Finish | Plate: Stainless steel (SUS304), hairline, Call button: Metal, Circuit board: Silicone sealing agent-coated board |
| Dimensions | 115 (W) X 162 (H) X 55.1 (D) mm |
| Weight | 700 g |
| Accessory | Box mounting screw (No.6-32UNC X 18) ---4, Box mounting screw (M4 X 25) ---4, Ferrite clamp ---1, |
| Option | AC adapter: AD-1210P |
| Applicable Box (option) | For wall mount: Wall-mount Box YS-13A For flush mount: 3-gang electrical box or Back Box YC-150 |

APPEARANCE

