

# N-8640DS

IP DOOR STATION

The N-8640DS is an IP door station employing packet audio technology. Connecting the N-8640DS to an IP network (LAN or WAN) permits hands-free conversation of high sound quality to be made between the N-8640DS and the intercom station connected to the IP Intercom Exchange, or between the N-8640DS and an IP multifunctional master station. Besides, the N-8640DS can be used in conjunction with the Multi Interface units through a network. The N-8640DS is equipped with 1 channel of control input, 5 channels of control outputs (including 1 channel of relay control output), and speaker output, thereby enabling connections of external equipment such as a sensor, indicator, and external speaker.

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Order no: N-8640DS  
Alternative products: N-SP80VS1, RS-140,  
RS-160, RS-470, RS-410EC, RS-410ECR, N-  
SP80AS1

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## Specifications

Network	10BASE-T/100BASE-TX (Automatic-Negotiation)
Network protocol	TCP/IP, UDP, ARP, ICMP, HTTP, RTP, IGMP
Power source	Power supply device that complies with IEEE802.3af standard or 12V DC (supplied from the AC Adapter (option))
Audio packet transmission system	Unicast, Multicast
Power consumption	5 W (max.)
Inputs	1 channel, no-voltage make contact input, open circuit voltage: 5 V DC, short circuit current: 10 mA or less, unterminated ends
Outputs	Open collector output, 4 channels, withstand voltage: 30 V DC, control current; Max. 50 mA (4 output 1COMMON), unterminated ends; Relay contact output, 1 channel, withstand voltage; 30 V DC; control current: Max. 500 mA, unterminated ends
Voice packet loss recovery	silence insertion
Audio delay time	80 ms, 320 ms (controllable on the software)
Frequency response	300 Hz - 7 kHz
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Inputs	1 channel, no-voltage make contact input, open circuit voltage: 5 V DC, short circuit current: 10 mA or less, unterminated ends
Outputs	Open collector output, 4 channels, withstand voltage: 30 V DC, control current; Max. 50 mA (4 output 1COMMON), unterminated ends; Relay contact output, 1 channel, withstand voltage; 30 V DC; control current: Max. 500 mA, unterminated ends
Speech method	Hands-free conversation
Weight	0,8 kg
Certificates	IP65
Dimensions (W x H x D)	115 x 162 x 58,5 mm
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Gross weight	1,1 kg
Finish	Metal,
Operating humidity	90 % RH or less (no condensation)
Operating temperature	-10 °C to +50 °C

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Appearance

\* Be sure to ground the frame ground terminal on the unit's rear.

