Datasheet

2N® IP HANDSET
BASIC ANSWERING UNIT

The 2N® IP Handset is our most affordable answering unit. It's a basic audio device for communication with visitors and opening the door. Offer the 2N® IP Handset for projects where you don't expect to use My2N services, such as bulk administration and remote configuration.

- Basic IP answering unit
- Button to open the door
- Desktop or wall mount
- PoE

VARIANTS

2N® IP HANDSET, BLACK
1120101B

2N® IP HANDSET, WHITE
1120101W

TECHNICAL PARAMETERS

GENERIC

Desktop or surface mounted; 2 SIP Lines; HD Voice; PoE;
Handset / Hands-free mode; External Power Supply (Optional)

PHONE FUNCTIONS

Call logs (In / Out / Missed, Max support 600 records in the web);
Dial plan; Multicast; Direct IP dial

CALL FUNCTIONS

Call out / Answer; Mute / Unmute; Hands-free / handset switched;
Speed Dial; Redial; Auto-Answering; 3-way Conference;
Customized ring; Main / secondary SIP servers

AUDIO

Narrowband Codec	G.711a/u, G.726, G.729A, iLBC
Wideband Codec	G.722, Opus
DTMF	In-band, Out-of-Band DTMF-Relay(RFC2833) / SIP INFO

Acoustic Echo Canceller (AEC)

Packet Loss Concealment (PLC)

Dynamic Adaptive Jitter Buffer

Voice Activity Detection (VAD) / Comfort Noise Generation (CNG)/
Background Noise Estimation (BNE)/Noise Reduction (NR)

NETWORK

LAN	10/100 Mbps Ethernet
IP Mode	IPv4/IPv6/IPv4&IPv6
IP Configuration	Static / DHCP / PPPoE
VPN	L2TP / OpenVPN
VLAN	802.1P/Q

QoS

RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)

Network Access Control 802.1x

PROTOCOLS

SIP2.0 over UDP/TCP/TLS; RTP/RTCP/SRTP; STUN; DHCP; LLDP;
CDP; PPPoE; 802.1x; SNTP; FTP/TFTP; HTTP/HTTPS; TR-069

DEPLOYMENT & MANAGEMENT

Web-based configuration

Accounts with Admin/Guest user levels

Configuration Export / Import

Syslog

Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP
PNP/TR-069

PHYSICAL SPECIFICATIONS

Phone color	white / black
Power supply	PoE or 5V/2A
Power Consumption	up to 3.5W
Working Temperature	0-45°C
Working Humidity	10 - 90%
Dimensions	55.8 x 215 x 57.8mm

Status indicator (green/red LED)

RJ45 connector for network connection

Keypad - 19 keys, including:

Quick dial/concierge call button (DSS Key 1)

Door opening button (DSS Key 2)

12 Standard Phone Digit keys (Speed dial configuration via the web)

2 Function keys (Hands-free, Redial)

3 Volume Control keys, Up/Down/Mute (with red color LED)