

2N® IP PHONE D7A

POWERFUL PHONE FOR MODERN RECEPTION

Any modern office and residential building needs a smart IP phone that allows the receptionist to answer calls from IP intercoms at the door. On the 7" touchscreen, the receptionist can see a preview of the IP intercoms camera and open the door at the touch of a button on the display. In addition, the Android OS allows apps such as Skype or Zoom to be installed on the phone.



You only need one UTP cable for communication and power supply. If that doesn't work for you, you can connect the phone to the network via Wi-Fi. Even setting up calls is easy. You can do it within 3 minutes.

Order optional accessories and enhance the potential of the 2N® IP Phone D7A.

- **USB camera** - simply connect the camera and add a two-way video function.
- **Extender module** - add up to 60 speed dials to the phone.
- **Wall mount bracket** - a simple accessory that allows you to place the phone on the wall.

ORDERING
NUMBERS



2N® IP PHONE D7A
1120102



USB CAMERA
1120105



EXTENDER
MODULE
91378363



WALL MOUNT
BRACKET
91378364



AUDIO FEATURES

Audio codec	Opus, G.722, G.711A, G.711U, G.729, G.726, G.723.1, iLBC
DTMF	In-band, out-of-band (RFC 2833) and SIP INFO

VIDEO FEATURES

Video codec	H.264 High Profile, H.264, VP8
Video quality	720P (1280x720)-30fps (equal or more than 512 kbps)
Field of view (FOV)	75°±5°

OPTIONAL CAM50 CAMERA

Resolution	5 mega-pixels
Privacy shutter	yes
Vertical tilt angle adjustable	47±3°

DISPLAY AND INDICATOR

Screen type	LCD
Resolution	7" 1024 x 600 capacitive adjustable touch screen
Vertical tilt angle adjustable	48°
LED	for call and message waiting indication

PHONE FEATURES

Number of SIP accounts	16
Call features	call hold, call forward, call waiting, call transfer, one-touch speed dial, hotline, mute, DND, group listening, emergency call, redial, call return, auto answer, dial plan, action URL/URI, RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035), voice mail, call park, call pickup
Intercom features	preview, one-button open, monitoring
Other features	music on hold, call recording, directory, local phonebook up to 1000 entries, XML/LDAP remote phonebook, call history

FEATURE KEYS

Number of keys	27 one-touch DSS keys
7 feature keys	hold, transfer, message, headset, mute, redial, speakerphone
Other keys	volume control, mute, headset, hands-free speakerphone key

INTERFACE

PoE	Power over Ethernet (IEEE 802.3af), class 3
Bluetooth	4.2 for optional Bluetooth Handset BTH58, generic Bluetooth headset and paired mobile devices
USB ports	2 (one USB 2.0 port on the top of the phone for the optional CAM50 camera, one USB 2.0 port on the rear of the phone for USB flash drive or USB headset)
RJ9 (4P4C)	2 (one RJ9 handset port, one RJ9 headset port)
Extender support	supports up to 3 colour-screen extender EXP50 modules (ordering no. 91378363)

MANAGEMENT

Configuration	web browser/local phone UI/auto provision
Auto provision	via FTP/TFTP/HTTP/HTTPS

NETWORK AND SECURITY

Ethernet	dual-port Gigabit
Wi-Fi	IEEE802.11a/b/g/n, 2.4GHz/5.0GHz
Internet protocol version	IPv4/IPv6
Signalling protocol	SIP v1 (RFC2543), v2 (RFC3261)
Call possibilities	proxy mode and peer-to-peer SIP link mode
QoS	802.1p/Q tagging (VLAN), SRTTP
Encryption	TLS1.3
VPN	OpenVPN, IEEE802.1X, L2TP VPN

OTHER TECHNICAL PARAMETERS

External AC adapter	optional (DC 5V/2A output)
Power consumption	2.5W-7.6W
Dimensions (WxDxH)	259.4mm x 220mm x 215mm
Package content	2N® IP Phone D7A, wired handset with cord, ethernet cable, desk stand, quick start guide
Wall mountable	optional (with wall mount bracket, ordering no. 91378364)