

# AT&T Phone for Business – Advanced CDS-9010



This new cellular/PSTN capable communications solution enables multiple combinations of legacy analog wireline to be carried over flexible combinations of WAN/LAN/LTE cellular data network.

These include: in-band voice, machine to machine (M2M) data, DTMF signaling tones, analog data modem tones, FAX and alarm system signals (all previously connected to the public switched telephone network (PSTN)).

## AT&T Phone for Business – Advanced CS 9010

This innovative solution uses IP communications including cellular data networks to route traffic received to or from the PSTN to enable call origination or call completion to occur using various methods.

The CDS-9010 cellular/WAN appliance permits connected devices to directly replace wireline analog plain old telephone service (POTS) lines and provide for multiple choices of access and connectivity.

Any application functionality that requires a traditional wireline, dial tone-based circuit may utilize the 9010 for connectivity. Transmission options include the ability for both cellular data channels and other alternative internet access pathways to provide true failover and diverse routing for calls. Additional reliability in local power outage situations is provided by an internal 12-hour capable battery.

## Supported services

Voice over IP via LTE | FAX | Multi-protocol support for fire and security alarms | Auto-dial call boxes (ring down) | Legacy analog data support for a wide variety of FSK enabled modems | Point-of-sale terminal | M2M and SCADA vending machine communications | ATM machine data line | Utility automatic meter reading | Band 14 option

## Interfaces

- 2 RJ-11 for FXS ports
- 1 RJ-45 for WAN/port (10/100/1000)
- 2 RJ-45 for LAN port (10/100/1000)
- 2 SIM card slots
- 4G-LTE radio
- Cellular LTE radio bands – 2,4,5,12,13,14,66,71
- 2 external antenna ports – SMA for LTE

## Physical

- (L) 211.3 X (W) 160.5 X (H) 51.2mm
- Weight – 1.45 lb (0.66 kg) CPU 880MHz, Dual Core
- RAM – 128MB
- Injection mold plastic case (black)

## Voice call features

- E911 Support
- Caller ID/CWCID
- 3-way conference
- Call hold, forwarding, transfer, call waiting
- Ring/hunt groups

## Integrated voice

- Voice over IP via LTE | VoIP
- DTMF: In-band, out of band
- PESQ > 4.3 (G.711); 3.7 (G.729)
- Echo cancellation

## Environmental

- Operation temperature – -5 C to +50 C (+ 23 F to + 122 F)
- Storage temperature – -5 C to +50 C (+23 F to + 122 F)
- Relative humidity – 5% to 95% non-cond.
- Shock – impact tested to 75cm (30 inches) drop
- Meets GR-63-CORE standard

## Power

- DC input (9VDC-16VDC) barrel plug
- AC power adapter – input: 90~260V; output: 12V, 2A
- Battery – 4 or 8 cell 18650; lithium ion
- Internal battery standby – up to 12 hours
- Battery is hot swapable
- Graceful shutdown (sends battery alert)

## Features and capabilities

- Analog POTS line replacement
- (2) RJ-11 lines
- 1 WAN port
- Support for legacy FAX transmission
- Burglar and fire alarm signal transmission
- Ring-down telephone line circuit
- Legacy analog modem support
- Automatic utility meter reading
- Telemetry command and control (SCADA)
- SMB router/gateway
- LTE dual SIM capable
- GPS capable
- 12-hour power failover battery
- Elevator, paging, taxi phone line (auto dial)

For more information contact your AT&T representative.