

Digital Age Networking

For more information, visit:
www.al-enterprise.com

Alcatel•Lucent
Enterprise

Alcatel•Lucent
Enterprise

OmniAccess®
Stellar

Wi-Fi 7 Indoor OmniAccess Stellar 1521

Indoor mid-range Wi-Fi 7 access point

- 12.2 Gbps • 1536 clients • 36 SSID
- Tri Radio, 6 GHz 2x2:2, 5 GHz 4x4:4 and 2.4 GHz 2x2:2
- USB-C • Scanning radio • USB 2.0
- 1x10GbE • 1x1GbE • MLO • 320MHz
- 4K-QAM • DL and UL MU-MIMO
- WPA3 • Temp: 0°C to 50°C
- BLE/Zigbee integrated • TPM 2.0
- PoE powered 802.3at/bt
- Retrocompatible with previous standards



Wi-Fi 7 Indoor OmniAccess Stellar 1511

Indoor entry range premium Wi-Fi 7 access point

- 9.328 Gbps • 768 clients • 36 SSID
- Tri Radio, 6 GHz 2x2:2, 5 GHz 2x2:2 and 2.4 GHz 2x2:2
- USB-C • USB 2.0 • 1x 5GbE • MLO
- 320MHz • DL and UL MU-MIMO
- WPA3 • Temp: 0°C to 50°C
- BLE/Zigbee integrated
- TPM 2.0 • PoE powered 802.3at
- Retrocompatible with previous standards



Wi-Fi 6E Indoor OmniAccess Stellar 1451

Indoor high-end premium Wi-Fi 6E access point for increasing IoT needs

- 10 Gbps • 1536 clients • 48 SSID
- Tri radio 2.4GHz 4x4, 5GHz 8x8 & 6GHz 4x4
- Scanning radio • USB 3.0 • 10GE+10GE
- DL and UL MU-MIMO • WPA3
- Target Wake Time • Temp: 0°C to 45°C
- Max power: 49W
- Retrocompatible with previous standards
- PoE powered 802.3bt
- BLE/Zigbee integrated



Wi-Fi 6E Indoor OmniAccess Stellar 1431

Indoor premium Wi-Fi 6E access point that provides high-efficiency and high-performance for high client density environments.

- 4.2 Gbps • 512 clients • 16 SSID
- Tri Radio, 6 GHz 2x2:2, 5 GHz 2x2:2 and 2.4 GHz 2x2:2 • Max power: 34W
- USB 3.0 • 2.5GE • 2.5GE • DL and UL MU-MIMO
- WPA3 • Target Wake Time Temp: 0°C to 45°C
- Retrocompatible with previous standards
- PoE powered 802.3bt • BLE/Zigbee integrated



Wi-Fi 6E Indoor OmniAccess Stellar 1411

Indoor premium Wi-Fi 6E access point that delivers excellent connectivity, coverage and performance.

- 3.6 Gbps • 512 clients • 16 SSID
- Dual Radio: 2.4GHz 2x2+5GHz 2x2 or 2.4GHz 2x2+6GHz 2x2 or 5GHz 2x2+6GHz 2x2
- USB 3.0 • 2.5GE • 2.5GE
- DL and UL MU-MIMO • WPA3 • Target Wake Time
- Temp: 0°C to 45°C • Max power: 25W
- Retrocompatible with previous standards
- PoE powered 802.3bt
- BLE/Zigbee integrated



Wi-Fi 6 Outdoor OmniAccess Stellar 1360

Ruggedized Wi-Fi 6 access point for outdoor high-density environments

- 3 Gbps • 1024 clients • 16 SSID
- 2.23 Kg • DPI • IP67 rated
- 4 radios • 1 dedicated to scanning
- WPA3 • DL and UL MU-MIMO
- Target Wake Time
- Temp: -40°C to 65°C
- Retrocompatible with previous standards
- Max power: 70W
- PoE powered 802.3bt/at
- BLE integrated



Wi-Fi 6 Indoor OmniAccess Stellar 1351

Outstanding bandwidth and speed for very demanding environments

- 10 Gbps • 1536 clients • 24 SSID • 1200 g
- DPI • WPA3 • Tri radio 2.4Ghz and Dual 5Ghz
- 1 radio dedicated to scanning
- DL and UL MU-MIMO • Target Wake Time
- Temp: 0°C to 45°C • Max power: 60W
- Retrocompatible with previous standards
- PoE powered 802.3bt • BLE/Zigbee integrated



Wi-Fi 6 Indoor OmniAccess Stellar 1331

Wi-Fi 6 premium mid-range access point for larger enterprises with intensive Wi-Fi usage

- 3.55 Gbps • 1024 clients • 32 SSID • TWT
- 985 g • DPI • Dual Radio DL & UL MU-MIMO
- 1 radio dedicated to scanning • Temp: 0°C to 45°C
- PoE powered 802.3bt/at • BLE/Zigbee integrated
- Retrocompatible with previous standards
- Max power: 23W



Wi-Fi 6 Indoor OmniAccess Stellar 1320

Wi-Fi 6 access point for indoor high-density environments

- 3 Gbps • 1024 clients • 32 SSID
- 700 g • DPI • UL2043
- 4 radios • 1 dedicated to scanning
- WPA3 • DL and UL MU-MIMO
- Target Wake Time • Temp: 0°C to 45°C
- Retrocompatible with previous standards
- Max power: 18W • PoE powered 802.3/at
- BLE integrated



Wi-Fi 6 Indoor OmniAccess Stellar 1301

Wi-Fi 6 access point, basic entry-level for indoor; ideal for small and medium enterprises

- 1.77 Gbps • 512 clients • 16 SSID
- 574 g • DPI • Dual radio • WPA3
- DL and UL MU-MIMO
- Target Wake Time • Temp: 0°C to 45°C
- Retrocompatible with previous standards
- Max power: 13.1 W
- PoE powered 802.3/af



Wi-Fi 6 Indoor OmniAccess Stellar 1301H

Wi-Fi 6 indoor designed for vertical industries and teleworkers

- 1.77 Gbps • 1024 clients • 32 SSID
- 320 g • DPI • Dual Radio • WPA3
- DL & UL MU-MIMO • TWT
- Temp: 0°C to 45°C
- Max power: 12.7 W
- PoE powered 802.3at/af
- BLE/Zigbee integrated
- Retrocompatible with previous standards



OmniSwitch®

Premium access OmniSwitch 6870

Advanced 24/48 ports 1G/Multi-gig and 25G switches for campus and Data Center networking

- All Multi-gig ports on PoE models, comprehensive 2.5G/5G/10G models to select
- 802.3bt PoE up to 95W per port and 3.3 kW PoE budget • Flexible PSU Load-Sharing PoE
- PoE and non-PoE models can stack together • Various uplink speed up to 200G
- OmniFabric ready • 256-bit MACsec on all ports • Telemetry • SPB • VxLAN
- Virtual chassis • QoS • IPv4/v6 • VRF • Advanced routing • Multicast • UNP



Premium access OmniSwitch 6860N

Advanced 24/48 ports 1G/Multigig switch for campus and Data Center networking

- PoE+ and non-PoE models • Up to 95W PoE and 3.4 kW PoE budget
- VxLAN • SPB • iFab • Virtual chassis • Automatic VLAN
- Context-based QoS • JTIC • IPv4/v6 • FIPS • VRF • Advanced routing
- Multicast • EAL-2/NDcPP • UNP • Smart analytics
- Application analytics • MACsec encryption



Advanced access OmniSwitch 6570M

Advanced 12/28 ports 1G/10G switch for Enterprise and Service Provider Networks

- Metro Ethernet Services enabled • Virtual chassis
- Automatic VLAN • Advanced QoS • IPv4/v6
- Static/Dynamic routing • Multicast • UNP
- EAL-2/NDcPP • CE 3.0 certified
- MACsec encryption



Advanced access OmniSwitch 6560/E

Cost-effective Layer 3 24/48 ports Multigig access switch for large IoT-based and Wi-Fi 6/7 networks

- 802.3bt PoE • PoE+ and non-PoE models • 2x20G virtual chassis ports
- Fiber SFP+ ports • Modular load-sharing power supplies • Up to 95W/port
- IoT profiling enablement • Advanced QoS • IPv4/v6 • Static/Dynamic routing
- UNP • MACsec encryption • Automatic VLAN • Context-based QoS
- Virtual chassis



Value access OmniSwitch 6360

Advanced Layer 2+ 10/24/48 ports 1Gb for classroom, campus and small/branch enterprise

- PoE+ and non-PoE models • 10G SFP+ uplinks
- Static IPv4/v6 routing • UNP • Fiber SFP Ports
- IoT enablement • Fanless (10/24 ports) • Virtual Chassis
- Perpetual/Fast PoE • Multigig/HPoE on P48X model



Ruggedized OmniSwitch 6865

Advanced Layer 3 fanless Ethernet switches designed to operate in the harshest industrial applications

- PoE+ and non-PoE models SFP+ uplinks SPB Virtual chassis
- Temp: -40° C to 75° C • EAL-2/NDcPP
- Advanced stacking and routing • VRF • Multicast • IPv4/v6 • JTIC
- UNP • Automatic VLAN • Advanced L3 • Fast / Perpetual
- High surge tolerance • 802.3bt PoE • HPoE up to 75W/port
- IoT enablement • FIPS 140-2 • iFab • Certified for: DNV MIL Railway Electric substation TAA NEMA-TS2



Ruggedized and high-temperature OmniSwitch 6465/6465T

Compact hardened fanless 6/12/28 ports Gigabit Ethernet switches for industrial applications

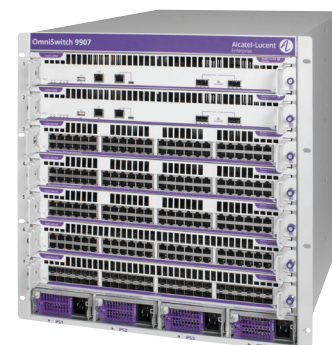
- PoE+ and non-PoE models • 802.3bt PoE
- HPoE up to 60W/port • Instant/continuous PoE
- Network automation • Virtual chassis • High surge tolerance
- DIN mountable • MACsec encryption • Zero touch provisioning
- IoT enablement • Support IEEE 1588v2 PTP • Disaster recovery
- Extended temperature ruggedized



Modular core switch OmniSwitch 9900

High-density chassis for core campus and Data Center networks

- 7 Slot modular chassis • 25.6 Tb/s aggregated switching capacity (with two OS9907-CFM2) • Up to 10,800W of PoE budget
- Virtual chassis • VRF • Advanced routing • MACsec
- Multicast • IPv4/v6 • FIPS 140-2 Core network and DC Fabric at 1G/10G/25G/40G/100G
- Programmability: Python, RESTful API, OpenStack
- EAL-2/NDcPP • JTIC • SPB • UNP



Stackable core switch OmniSwitch 6900

High-performance switch for core campus and Data Center networks

- 1U switches
- Multiple fixed configurations of 1/10/25/40/100G ports
- Virtual chassis • Advanced routing • VRF • Multicast
- IPv4/v6 • JTIC • ISSU • SPB • UNP
- Programmability: SDN, OVSDb, OpenStack, Python, Rest API, SSH
- FIPS 140-2 • EAL-2/NDcPP • MACsec



SMB and Websmart access OmniSwitch 2260/2360

Cost Effective 8/24/48 ports stackable, websmart Gigabit Ethernet Switch

- Virtual chassis • Standalone
- PoE+ and non-PoE models
- Static IPv4/v6 routing • Fiber SFP Ports
- Fanless (10/P10/24 ports)
- Perpetual/Fast PoE • 802.1X/MAC Auth
- Advanced QoS and ACLs
- 10G SFP+ uplinks on "X" models

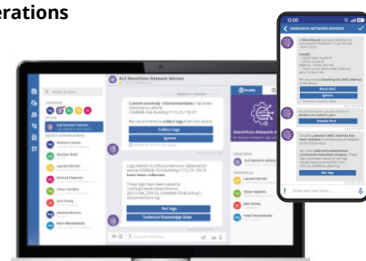


Network
Management and
Cybersecurity

Alcatel-Lucent OmniVista® Network Advisor

Network Advisor is an AI-powered IT companion that eases network teams' daily operations

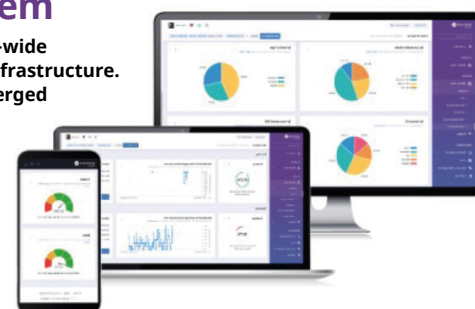
- Detect network issues
- Simplify troubleshooting
- Accelerate security threat detection, reaction & mitigation
- Benchmark network performance
- Get alerts on possible provisioning errors and proposal on corrections
- Get a comprehensive picture of the health of the network



Alcatel-Lucent OmniVista® 2500 Network Management System

Unified management and network-wide visibility for your LAN and WLAN infrastructure. Includes a full set of tools for converged campus networks and datacenters

- Automated reporting
- Full HTML 5 web-based client
- Monitor and manage end-to-end LAN and WLAN infrastructures



Alcatel-Lucent OmniVista® Cirrus Network Management

Cloud-based network management for LAN and WLAN

- Web-based user interface
- Advanced BYOD
- Multi-tenant support
- Multi-customer management
- Subscription-based offer
- IoT visibility and inventory
- Lifecycle management



Plugin Video
Management
Systems

OmniSwitch VMS Plugin for Milestone solutions

Boost operational efficiency and improve video surveillance infrastructure security.

- It allows users to create, modify, and delete ALE switches connected to cameras managed by the VMS
- Up to 70% of camera problems can be resolved remotely by the VMS operator
- Enhances the efficiency and responsiveness of the camera management system
- Enables you to view cameras connected to the switchboards and provide real-time status of the switches and ports
- Allows resetting of a camera and locking the MAC address to a port directly from the smart client



Asset Tracking

OmniAccess® Stellar Asset Tracking

It provides smart connection to assets, so you can locate equipment and people in real-time, optimizing operations and reducing costs.

- Real-time location & geofencing
- Asset tracking & asset management
- Automated & push button security alerts
- Contact tracing & contact history
- People location & people flow
- Equipment maintenance scheduling
- Workflow optimization
- APIs for 3rd party integration



Network as a Service

Network as a Service by Alcatel-Lucent Enterprise

It is a new way for businesses to purchase network infrastructure—hardware, licenses, applications, and management tools—with agile life cycle services through subscriptions. This is a modular offer to meet your business needs.

- Reduce time to benefit
- Quickly adapt to business needs
- Maximum agility and scalability
- Free up IT Staff with improved network operations
- Predictable costs for your network infrastructure
- All-inclusive Support Offer



Products
Communications

Network
Products



Alcatel•Lucent
Enterprise

Digital Age Communications

For more information, visit:
www.al-enterprise.com

Alcatel-Lucent
Enterprise

Any cloud

Connected platforms - Hybrid Cloud

On-premises connected platform to cloud services (Private or Public SaaS)
Hybrid/IP/SIP/Digital connectivity

Communications Suite for SMB

OXO Connect • SMB business communications • Compact and small models
OXO Connect Evolution • 100% IP • Rainbow WebRTC Gateway included

Communications Suite for MLE

OmniPCX Enterprise Purple • Campus • Centralized multi-site
• Virtual or Appliance • Native encryption
Purple on Demand • Subscription-based offering
• Based on the OmniPCX Enterprise Purple platform and its applications suite
OmniPCX Open Gateway
• REST full APIs platform for OmniPCX Enterprise Purple platform
OpenTouch® Session Border Controller
• SIP perimeter defense for MLE

Network Management System

Alcatel-Lucent OmniVista 8770 NMS • Modular network management
• Role-based delegation • VoIP reports



Rainbow Hybrid

- Unified communications for connected platforms (WebRTC gateway integrated or connected to the PBX)
- Multi-devices (Desktop, Web, iOS, Android) • One number service • Call transfer • Audio/video calls
- Team collaboration • Secure messaging • File sharing
- Video conferencing up to 49 on-screen participants • Meeting room equipment
- Integration with Microsoft 365® and Google Suite®
- SaaS connectors (Office suite, CRM, ERP, ITSM)

Rainbow Hybrid Services Plans:

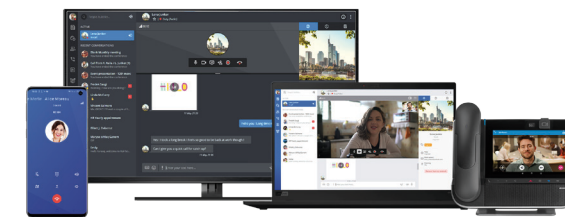
Rainbow Hybrid comes with a subscription per user/month or year(s): Business, Enterprise, Enterprise Dial-in, Attendant and options (Connect, Room, Alert).
Details are available from your sales representative or Business Partner.



Private Cloud

Rainbow Edge

- For large enterprises that require their data to be hosted on their own instance – in a private cloud or on-premises



Purple on Demand

- Business communications as a Service (based on a subscription)
- Hosted or on-premises
- Based on the OmniPCX Enterprise Purple platform

UCaaS Public Cloud

Rainbow Hub

A complete cloud-based solution for all your communications needs.
Traffic via Business Partners.

All in one: telephony, collaboration and video conferencing

Multi-devices: single intuitive application available on PC, tablet and smartphone

Flexible: pay per user model with full scalability

Trusted: a sovereign cloud platform

Rainbow Hub Services Plans:

Rainbow Hub comes with a subscription per user/month or year(s): Voice Phone, Voice Business, Voice Enterprise, Voice Enterprise Dial-in, Voice Attendant and options (Connect, Room, Alert).
Details are available from your sales representative or Business Partner.



Security and Compliance

- ANSSI CSPN
- ISO 27001
- European GDPR
- HIPAA
- HDS
- ENS
- FERPA
- Encryption of communications and data

Per solution details on our public web site.



Connect everything

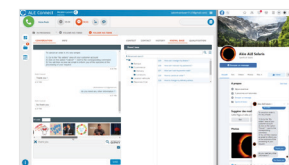
Contact Center - Attendant - Recording Customer interactions

Solutions for SMB

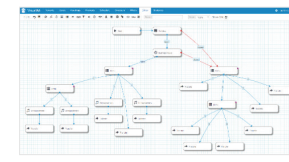
- **OmniTouch® Call Center Office** • Company greeting • Distribution • Reporting • Statistics
- **Built-in OXO Connect applications** • Greeting message • Automated attendant
- Attendant console • Voicemail • Smart call routing • Hospitality features
- **PIMphony** • Basic • Pro • Team • Attendant • Personal Communication Manager

Solutions for MLE

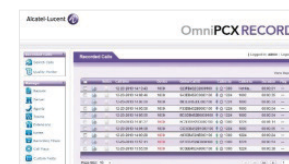
- **ALE Connect** • Omnichannel contact center (email, live chat, social media, and phone)
- Web-based Agent Desktop • Hybrid Cloud service with OmniTouch Contact Center SE
- **OmniTouch Contact Center SE** • Call supervision and distribution
- **Soft Panel Manager** • Contact Center statistics and business data display in real time
- **Visual Automated Attendant** • Automated 24/7 call routing and greeting
- **Alcatel-Lucent 4059 Extended Edition Attendant Console** • Professional welcome PC application
- **OmniPCX RECORD Suite** • Call recording, video and screen capture



ALE Connect



Visual Automated Attendant



OmniPCX RECORD Suite

Industries Verticals

Education

- Empowering student success

Energy and Utilities

- Enabling smarter, safer and greener energy and utilities

Government

- Optimizing government efficiency and public safety

Healthcare

- Optimizing the care pathway

Hospitality

- Empowering staff digital services

Transportation

- From connected to smart transportation

Visual Notification Assistant

- Broadcast voice and text messages to phones and applications
- Manage situations including geolocation of ALE phones and softphones

IoT Hub

• Connect IoT to Rainbow and to any workflow

OmniPCX Open Gateway

• Integrate communications in your business application of choice

Rainbow Alert

• Priority-based messaging with persistent audio alerts

Remote Visual Assistance

• Digitizing and connecting field services for operational excellence

Rainbow Classroom

• Recreate the physical classroom with real-time collaboration with or without an LMS

Rainbow Click-to-Connect

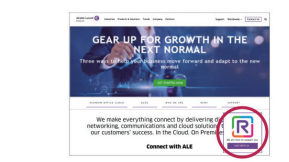
• Chat, call with video from within any website

ALE Developer and Solution Partners Program (DSPP)

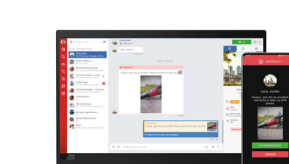
Refer to the DSPP program for the development of unique applications on premises or in the Cloud with APIs: www.al-enterprise.com/en/partners/dspp



Visual Notification Assistant



Rainbow Click-to-Connect



Rainbow Alert



Rainbow Classroom



Remote Visual Assistance

Business application integrations

Connectors for the most popular SaaS applications:

- Microsoft Teams
- Google Suite
- Microsoft Dynamics
- Salesforce
- Zendesk
- ServiceNow
- Zoho
- HubSpot
- Jada
- SuiteCRM
- Pipedrive
- Freshsales
- and more...



Digital workplace

On-site mobility DECT / WLAN

DECT handsets

- **8262/8262Ex** • IP65 • Industrial design • Business features
- Bluetooth • Alarms • Lone worker protection
- **8254** • IP65 ruggedized • Antibacterial plastics and lens
- Business features • Large color screen
- **8244** • Business features • Large color screen
- Bluetooth • Alarms • Alarm key on top
- **8234** • Business features
- **8214** • GAP mode for essential functions



8214 8234 8244 8254 8262/8262Ex

WLAN handsets

- Rugged design • 15 hours talk time
- **8158s** • SIP/NOE • Business features
- Color display • Alarm features
- **8168s** • Business features • SIP/NOE
- Wideband audio • Color display
- Alarm button • BTLE compatible



8158s / 8168s

DECT, IP-DECT, WLAN Access Points

8328 SIP-DECT / 8378 IP-xBs
8379 DECT / 8379 DECT ATEX



8328 with foot 8378 8379 OmniAccess Stellar

Desk phones - Softphones ALE DeskPhones

ALE DeskPhones: Enterprise

- NOE-IP and SIP (OmniPCX Enterprise Purple)
- Symphonic HD audio • 3D soundbar
- 2xUSB-C ports • Dual Gigabit Ethernet port
- Business features • Hot-desking mode
- VPN client • Customization kits: 4 colors
- ALE-108 Bluetooth / Wi-Fi module
- ALE-100 alphabetic keyboard
- ALE-120 Color-screen key expansion module
- **ALE-500** • 5.5" touch screen • 3 microphones
- Bluetooth handset option • No handset model

ALE-400

- 4.3" touch screen
- Mechanical dial pad
- 3 microphones • Bluetooth handset option

ALE-300

- 3.5" color screen
- 10 contextual keys with LED

ALE DeskPhones: Essential

- NOE-IP and SIP (OmniPCX Enterprise Purple)
- Wideband audio • Business features
- USB-A, USB-C ports • ALE-10 alphabetic keyboard
- EM200 color expansion module

ALE-30/30h

- 3.5" color screen
- 10 contextual keys with LED
- Dual Gigabit Ethernet port
- Hybrid digital / IP port (ALE-30h)

ALE-20/20h

- 2.8" backlit screen
- 6 contextual keys with LED
- Dual Gigabit Ethernet port
- Hybrid digital / IP port (ALE-20h)

ALE DeskPhones: Basic

- **ALE-3** • 2.8" color screen • 4 contextual keys
- SIP • USB-A • Dual Gigabit Ethernet port

ALE-2

- 2.8" backlit screen • 3 contextual keys
- SIP • Dual Gigabit Ethernet port

Enterprise models



ALE-500 BT SIP ALE-400 BT SIP



ALE-300 with ALE-120

Essential models



ALE-30h ALE-30 SIP



ALE-20/ALE-20h

Basic models



ALE-3



ALE-2

ALE SoftPhone

- SIP • LAN • Off-site (SBC)
- Audio and video call
- PC • Android • iPhone



ALE SoftPhone



ALE SoftPhone

IP Desktop SoftPhone

- Business telephony
- Call Centre Agent
- VOIP/LAN/Off-site (VPN)
- PC/Mac/Android

8088 Smart DeskPhone

- 7" touch screen
- Built-in video camera
- Advanced business features
- NOE-IP or SIP
- Android apps

8008G, 8008 DeskPhones

- Compact size
- Advanced telephony
- 8008G Dual Gigabit Ethernet port



IP Desktop SoftPhone



8088 video



8008G/8008

SIP phones ALE SIP DeskPhones

- For third-party SIP communication systems
- OpenVPN • PoE • IPv4/IPv6
- 2 USB ports and Expansion Modules for M Series
- **M8** • 5" color screen • BT 5.2 • Wi-Fi
- 20 SIP accounts
- **M7s pro** • 3.5" color screen • BT 5.2
- Wi-Fi • 8 SIP accounts
- **M7s/M7** • 3.5" color screen • BT 4.1 (M7)
- 8 programmable keys
- **M5s/M5** • 2.8" color screen
- 8 programmable keys
- **M3s/M3** • 2.8" backlit screen • 6 programmable keys
- **H6** • 2.8" color screen • 4 contextual keys • USB-A port
- **H3G** • 2.8" backlit screen • 3 contextual keys
- **H2P** • 2.3" backlit screen • RJ9 port

