Grandstream UCM6510 IP PBX

Product Name: Grandstream UCM6510 IP PBX

Manufacturer: -

Model Number: UCM6510

Please Note: This product has been discontinued.

Grandstream UCM6510 IP PBX
The Grandstream UCM6510 is an enterprise-grade IP PBX that creates an easily manageable on premise anchor to business communications networks. The UCM6510 comes equipped with many advanced call handling and network data features, all with no licensing and no fees.
Grandstream UCM6510 Key Features

ï¿½ Supports up to 2000 SIP endpoint registrations, up to 200 concurrent calls and up to 64 conference attendees
ï¿½ 1GHz quad-core Cortex A9 processor
ï¿½ 1GB DDR3 Ram, 32GB Flash
ï¿½ 1 Integrated T1/E1/J1 interface, 2PSTN trunk FXO ports, 2 analog telephone/Fax FXS ports with lifeline capability
ï¿½ Gigabit network ports with Integrates PoE, USB, SD card, integrated NAT router
ï¿½ Comprehensive security protection using SRTP, TLS and HTTPS with hardware encryption accelerator
ï¿½ Quickly setup and provision Grandstream endpoints using the Auto-Discovery and Zero Config feature within the product’s web user interface

The scalability of the Grandstream UCM6510 offers deployments that can support up to 2000 users, and it supports E1, T1 and J1. The Grandstream UCM6510 series allows businesses to unify multiple communication technologies, such as voice, video, surveillance, data tools, and facilities access management into one common platform that can be managed and accessed remotely. With features such as customisable call-routing, multi-level IVRs, call queues, auto-attendant, call detail records, multi-site peering, SIP video support, voicemail/fax forwarding to email and more, the UCM6510 delivers complete unified communications.
Grandstream UCM6510 - Technical Specifications
Interfaces

ï¿½ Analog Telephone FXS Ports 2 RJ11 ports (both with lifeline capability in case of power outage)
ï¿½ PSTN Line FXO Ports 2 RJ11 ports (both with lifeline capability in case of power outage)
ï¿½ T1/E1/J1 Interface 1 RJ45 port
ï¿½ Network Interfaces Dual Gigabit ports (switched or routed) with PoE; A 3rd Gigabit port for Hot-Standby Clustering
ï¿½ NAT Router Yes (user configurable)
ï¿½ Peripheral Ports USB, SD
ï¿½ LED Indicators Power 1/2, PoE, USB, SD, T1/E1/J1, FXS 1/2, FXO 1/2, LAN, WAN, Cluster Heartbeat
ï¿½ LCD Display 128x32 dot matrix graphic LCD with DOWN and OK buttons
ï¿½ Reset Switch Yes, long press for factory reset and short press for reboot

Voice/Video Capabilities

ï¿½ Voice-over-Packet Capabilities LEC with NLP Packetized Voice Protocol Unit, 128ms-tail-length carrier grade Line Echo Cancellation, Dynamic Jitter Buffer, Modem detection & auto-switch to G.711
ï¿½ Voice and Fax Codecs G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B,

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iLBC, GSM, AAL2-G.726-32, ADPCM; T.38
ï¿½ Video Codecs H.264, H.263, H263+
ï¿½ QoS Layer 3 QoS, Layer 2 QoS

Signaling & Control

ï¿½ In Audio, RFC2833, and SIP INFO In Audio, RFC2833, and SIP INFO
ï¿½ PRI, SS7, MFC/R2, RBS (pending) PRI, SS7, MFC/R2, RBS (pending)
ï¿½ Provisioning Protocol & Plug-and-Play TFTP/HTTP/HTTPS, auto-discovery & auto-provisioning of Grandstream IP endpoints via ZeroConfig (DHCP Option 66/multicast SIP SUBSCRIBE/mDNS), eventlist between local and remote trunks
ï¿½ Network Protocols TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, SIP (RFC3261),
ï¿½ STUN, SRTP, TLS, LDAP, HDLC, HDLC-ETH, PPP, Frame Relay (pending)
ï¿½ Disconnect Methods Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone

Security

ï¿½ Media Encryption SRTP, TLS, HTTPS, SSH
ï¿½ Advanced Defense Fail2ban, alert events, Whitelist, Blacklist, strong password based access control

Physical

ï¿½ Universal Power Supply Input: 100 ~ 240VAC, 50/60Hz; Output: DC+12V, 1.5A;
ï¿½ Physical Unit Weight: 2.165 kg; Package Weight: 3.012 kg
ï¿½ Dimensions 440mm(L) x 185mm(W) x 44mm(H)
ï¿½ Environmental Operating: 32 - 113ºF / 0 ~ 45ºC, Humidity 10 - 90% (non-condensing) Storage: 14 - 140ºF / -10 ~ 60ºC, Humidity 10 - 90% (non-condensing)
ï¿½ Mounting Rack mount & Desktop

Additional Features

ï¿½ Multi-Language Support English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic
ï¿½ Caller ID Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT Japan (pending)
ï¿½ Polarity Reversal/Wink Yes, with enable/disable option upon call establishment and termination
ï¿½ Call Center Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/work-load, in-queue announcement
ï¿½ Customizable Auto Attendant Up to 5 layers of IVR (Interactive Voice Response)
ï¿½ Maximum Call Capacity Up to 2000 registered SIP endpoints, up to 200 concurrent calls
ï¿½ Conference Bridges Up to 8 bridges, up to 64 simultaneous conference attendees
ï¿½ Compliance FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS ITU-T K.21 (Basic Level); UL 60950 (power adapter) T1: TIA-968-B Section 5.2.4 E1: TBR12/TBR13, E1: AS/ACIF

Grandstream UCM6510 IP PBX

Please Enquire

Options available for Grandstream UCM6510 IP PBX :

High Availability Controller Required?
Not Required?,   Grandstream HA100 High Availability Controller (+£348.30).