FIBERME

SYS USB WAN **FXS FXS FXO FXO FXO FXO**

RESET PWR SD LAN 1 2 3 4 5 6 SD

FIBERME
FCM5404

FIBERME FCM5404 is an IP PBX appliance designed to bring enterprise-grade unified communications and security protection to all levels of businesses at an unprecedented price point without any licensing fees, costs-per-feature, or recurring fees. It enables enterprises to unify multiple communication technologies, such as comprehensive voice, fax, calling, conferencing, video/audio, data tools, security, mobility.

With an advanced hardware platform, software functionalities, FIBERME FCM5404 can support up to 300 registered users and offer effortless setup and deployment via the web-browser user interface. Besides auto-discovery of diverse endpoints and auto-provisioning, the FCM series IP-PBX offers a set of comprehensive features, including customizable call-routing, multi-level IVRs, call queues, auto-attendant, call detail records (CDR), multi-site peering, voicemail/fax forwarding to email.. And more

Up to 300 Users

Supports up to 300 users and up to 60 concurrent calls

CODEC Support

Supports Full-Band Opus voice codec,jitter resilience up to 50% packet loss

Analog Ports

Built-in 4FXO for PSTN Lines and 2 FXS Ports for analog phones

High Security

Highest level of security protection using SRTP, TLS and HTTPS encryption; Hi-speed network ports with Integrated NAT router and built-in firewall, support PIN code setting to customize dynamic firewall.

High User-Friendliness

leverage autoclip intelligent inbound routing mechanism. With call records server(CDR), this IP-PBX can intelligently match inbound call number with historic called one in autoclip. Moveable extension, call forwarding, DND, Multi-language auto-attendant, LDAP and XML phonebooks, flexible dial plan

Intelligent Resource Allocation

Optimize system resource utilization and system efficiency via stochastic algorithm, effectively minimizing hitting over processor resource and improving reliability in any scenarios.

Excellent Compatibility

Without NAT traversal setting, this IP-PBX could be compliant with other mainstream SIP endpoints or components with changeable IP addresses, which effectively reduces complexity of configuration.

Interfaces	• 2 Analog FXS Ports with lifeline capability in case of power outage • PSTN Line FXO Ports : 4 ports • Network Interfaces : Dual10/100 RJ45 ports • NAT Router • Peripheral Ports : USB, TF • LED Indicators :Power/Ready, Network, PSTN Line, USB, TF • Reset Switch
Voice/Video Capabilities	• Voice-over-Packet Capabilities: LEC with NLP Packetized Voice Protocol Unit, 32~128ms-tail-length carrier grade Line Echo Cancellation, Dynamic Jitter Buffer • Voice and Fax Codecs: G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B, GSM, AAL2-G.726-32; T.38 • QoS: Multiple Layers
Signaling & Control	• Supported Dial Mode: DTMF and Pulse DTMF Methods: In Audio, RFC2833, and SIP INFO • Provisioning Protocol & Plug-and-Play: TFTP/HTTP/HTTPS, auto-discovery & auto-provisioning of various IP endpoints
Technical Add-on Features	• Caller ID :Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF • Polarity Reversal/Wink, with enable/disable option upon call establishment and termination • Maximum Call Capacity: Up to 50 even in SRTP encrypted • Call Features: Call park, call forward, call transfer, DND, ring/hunt group, paging/ intercom etc.
Network Protocols	• TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, SIP(RFC3261), STUN, SRTP, TLS, LADP • Disconnect Methods: Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone
Application Enhancements	• Call Center: Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/ busy level, in-queue announcement • Customizable Auto Attendant: Unlimited layers of IVR (Interactive Voice Response) • Conference Bridges: Up to 25 simultaneous PSTN or IP participants
Security	• Media Encryption: SRTP, TLS, HTTPS, TELNET with Fail2ban, Whitelist, Blacklist, alerts and more to protect against attacks
Multi-Language Support	• English/Chinese/Traditional Chinese for Web UI; Customizable IVR/voice prompts for English, Chinese, British English; • Customizable language pack to support any other languages

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