



euphony Multiplexer Network Communication Platform

IP PBX ECS-060 Pro



ECS060 Pro is a full function PBX system with extra built-in features like IVR, auto-attendant, voicemail, VoIP, and various network services. It provides a solid, uniform platform for both voice communications as well as network communications. Built on state-of-the-art embedded technology, ECS060 offers a seamlessly integrated solution for the telecommunication needs of modern times. Its versatile and expandable design makes ECS060 an ideal choice for companies of small to medium sizes. For network functions, ECS060 provides router service, IP sharing (NAT), firewall, DHCP server, QoS service and VPN.

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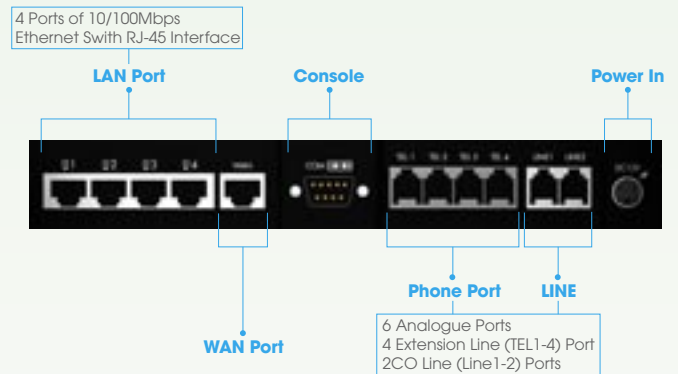
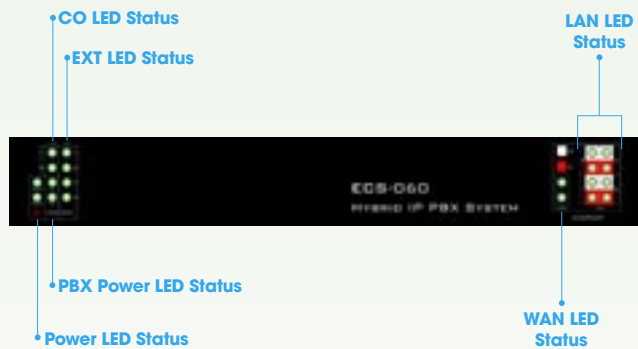
http://www.euphony.com.tw

The Pioneer Integrates Communication Platform for Telecom and Datacom Converged Application.

ECS-060 Pro Features Description

- SOFT PBX
- DSP monitor ring back to prevent CO lines abnormal engaged.
- Provided (2CO lines and 4 EXT lines) PSTN ports.
- Extension line expanded by using IP extension (IP Phones or Soft Phones).
- Provided 4 channels VoIP services.
- Built in IVR capability.
- Authority for off-net call

- Consistency of analog and IP extension dialing plan
- QoS service guarantee VoIP voice quality
- Web management interface, easy to setting.
- Soft switch functionality is same as Circuit switch (Traditional PBX)
- Built in Call Log
- Personal Voice mail.
- Voice mail forward to E-mail.
- Sufficient Network services: DHCP server, VPN, Firewall, Virtual DMZ, IP Sharing (NAT), Address Mapping, Port Mapping.



Euphony ECS-060 PRO V1.00 Specification

| PBX System | |
|--|---|
| PBX Function Description | Embedded Linux OS, digital PBX system, TDM/PCM. • Built in full function PBX system • Hybrid IP PBX mechanism, support both analog and IP ports • Personal voice mail; call consult; call transfer; call forward; call pickup; conference. • Web management setup at internet or intranet. |
| Soft Switch System | |
| H.323 V2/SIP Protocol | |
| Support Peer-to-Peer & Gatekeeper for VoIP incoming and outgoing call. | |
| Support H.323 H.245 DTMF IP Phone and Soft Phone. | |
| Consistency PBX function of IP extension and Analog extension. | |
| Support VoIP call transfer to VoIP call. | |
| Telephone Interface | |
| EXT line interface (Analog and IP) | Analog Extension 4 ports (analog phone and fax machine) * IP Extension 4 ~ max 16 Ports (IP Phone / Soft Phone) • Press *9* to hunt PSTN line, *0* for cost saving VoIP routing or voice mail. • Password setting/Extension number setting/Speed dial setting • PSTN direct to EXT phone/EXT phone direct to PSTN/EXT to PSTN authority setting • Extension voice mail (retrieve from telephone/mail to dedicate E-mail box to retrieve) • According to IP extension MAC, the IP extension number can be distributed by DHCP server |
| CO line interface (Analog) | Analog Ports: 2 ports, connected to PSTN • Answering mode: Outgoing only, Incoming only, both incoming and outgoing, voice mail, direct to extension phone. • Power down fail safety calling mechanism. • Caller ID detection (DTMF before Ring, DTMF after Ring) • VoIP On-net and Off-net call, maximum 49 groups password setting |
| Extension connecting interface | RJ11 connector for (FX0/FXS), IP extension connecting LAN ports interface |
| VoIP Interface | |
| VoIP Channels | 4 VoIP channels Chips |
| Silence Compression | Generate comfortable sound while |
| Gain Control | In/Out +3/-6db |
| CODEC | G.723.1/G.729a |
| Echo Cancellation/Jitter Buffer | G.165/G.168 25ms |

| Network Service | |
|--|---|
| Support three types internet connection: • Fixed IP allocation/PPPoE allocation/DHCP client allocation. | |
| Built in NAT (Network Address Translation) | |
| Support Port Mapping: Multi Address Mapping; Multi Virtual DMZ (Transparent mode). | |
| Built in IP Share; DHCP server. | |
| Built QoS service (Quality assurance of VoIP call) | |
| Support DDNS client | |
| Built in Firewall (rule accept mode; rule drop mode; user defined rule). | |
| Built VPN router, support 4 ECS mode VPN tunnels for voice and data connection. | |
| Network Interface | |
| Interface | 10BASE-T/100BASE-T Auto-negotiation, Auto MDIX |
| LAN | 4 10/100 Mbps RJ-45 LAN ports (UTP) |
| WAN | 1 10/100 Mbps RJ-45 WAN port (UTP) |
| Panel LED Indicator | |
| LAN indicator | 8 Green LED indicators (100/10 ACT and connecting status) |
| WAN indicator | 2 Green LED indicators (100/10 ACT and connecting status) |
| Power indicator | 1 Green LED indicator (Power status) |
| Voltage indicator | 2 Green LED indicators (-24V and -80V voltage status) |
| CO line indicator | 2 Green LED indicators (CO ports working status) |
| EXT line indicator | 4 Green LED indicators (EXT analog ports work status) |
| Management Interface | |
| Managing Tool | • Web UI provided full function PBX setting, IP network setting, Off-net call setting and network status. • Firmware Upgrade and Backup. • Dual mode managing structure for user and administrator. • NTP server to setup Time Zone. • Use telephone to reset PBX/Network/Extension/Greeting setting. |
| Hardware Specification | |
| ARM920T CPU/200MHz, 64MB SDRAM PC100, 32MB Flash ROM. | |
| Power Supply | Input 110~250 Vac, 12Vdc 1.25Amp |
| Power Consumption | MAX. 12watt |
| Dimensions (mm) | 215mm X 30mm X 132mm (L X H X W) |
| Weights (g) | 550g |

Reseller