

SOLUCIONES GRADO CARRIER

SOLUCIONES VoIP

ATA WI-FI: 2FXS + 1PSTN + 1WAN, 4LAN, 802.11b/g

MODELO 5542



ANSEL INTRODUCE AL SEGMENTO CARRIERS UNA PODEROSA SOLUCION VoIP EN UNA CAJA. EL 5542 ES UN ROUTER BROADBAND CON WI-FI & VoIP INTEGRADOS PARA CARRIERS TRIPLE PLAY (TELFONIA/INTERNET/TELEVISION).

CARACTERISTICAS SOBRESALIENTES:

- 2 LINEAS FXS + 1 PSTN PARA BACKUP AUTOMATICO
- WI-FI 802.11 B/G MODO AP
- WI-FI 802.11 B/G MODO CLIENTE
- MODO REPETIDOR
- MODO REPETIDOR UNIVERSAL: PERMITE INTERCONECTAR REDES WIRELESS DIFERENTES
- 1 X WAN + 4 LAN ROUTER IP GATEWAY, & 802.11B/G WLAN
- LA RED WIRELESS PUEDE SER CONFIGURADA COMO ACCESS POINT O COMO CLIENTE
- FUNCION SITE SCAN AUTOMATICA
- CONTROL DE ACCESO POR MAC ADRESS
- CON SOPORTE PARA: WDS, 3G/WIMAX MODEM XDSL LEASED LINE.
- MULTIPLES PROTOCOLOS VPN PASS-THROUGH
- DIAL PLAN FLEXIBLE PARA VOIP, PSTN, & LLAMADA WIRELESS.
- FIREWALL PARA SEGURIDAD & DENIAL OF SERVICE.
- PAQUETES DE VOZ (2 LINEAS: FXS) CON PRIORIDAD SOBRE EL RETO DE LOS PUERTOS.
- CONFIGURACIONES
 - METODO: CONFIGURE & UPDATE METHOD: WEB BROWSER (HTTP)
 - PASSWORD ACCESO SETTING & CHANGE IVR ANNOUNCEMENT
- SYSTEM STATUS INDICATION
- SYSTEM STATISTIC
- SAVE / RELOAD SETTING PARAMETER
- SYSTEM LOG SAVING LOCALLY & REMOTELY
- DATE & TIME SETTING

HARDWARE

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| <ul style="list-style-type: none"> • PUERTOS ETHERNET: (RJ-45, 10/100 BASE-3): • LINEA TELEFONICA (RJ-11) • RF CONECTOR ANTENNA • CONECTOR DC12V, 1.5A • RESET KEY (VALORES FABRICA) • LEDS: • IP CONEXION RED • BROADB& ROUTER • IPV4 • MAC ADDRESS • STATIC IP • DHCP CLIENT • DHCP SERVER • PPPOE CLIENT • NTP SERVER | <ul style="list-style-type: none"> • 1-WAN ADSL/CABLE MODEM O XDSL LEASED LINE.:4- PUERTOS LAN PARA CONECTAR A PC / DISPOSITIVOS DE RED. • 2-FXS PUERTOS CONNECTAR A TELEFONO ANALOGICO • PSTN PUERTOS, CONNECT TO LOCAL PSTN NETWORK (POWER FAILURE BACKUP LINE) • 1 • 1 • 1 • WAN, LAN, FXS, PSTN, WLAN & POWER STATUS • 1 X RJ45 • (IP GATEWAY) • (RFC 791) • (IEEE 802.3) • SI • (RFC 2131) • (RFC 2131) • (RFC 2516) • SI |
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• DNS CLIENT	• SI
• DNS RELAY	• SI
• DYNAMIC DNS	• SI
• NAT/NAPT	• (RFC 1631)
• TCP/UDP	• (RFC 793/768)
• RTP/RTCP	• (RFC 1889/1890)
• IPV4 ICMP	• (RFC 792)
• ARP	• (RF826)
• TFTP CLIENT	• SI
• HTTP SERVER	• SI
• VIRTUAL DMZ	• SI
	• IP FILTERING
	• PUERTOS FILTERING
	• MAC FILTERING
• FIREWALL	• URL FILTERING
	• PUERTOS FORWARDING
	• DOS: DENIAL OF SERVICE
	• IP FILTERING
• MODO BRIDGE	• VPN PASS-THROUGH: IPSEC, PPTP, L2TP
• NAT TRAVERSAL	• UPNP IGD
• SNTP CLIENT (RFC 2030)	• STUN CLIENT
• HTTP SERVER	• (RFC 2030)
• QUALITY OF SERVICE	• SI
• DIFFSERV	• 802.1Q VLAN TAG
	• (RFC 2475)
	• ST&ARD: IEEE 802.11 B/G
	• FRECUENCIA: 2.4GHZ (B) / 2.4GHZ (G) / 2.4GHZ (B+G)
	• MODOS:
	○ WI-FI AP MODE
	○ WI-FI CLIENT MODE
	○ WDS REPEATER MODE
	○ WI-FI AP+WDS REPEATER MODE
	○ UNIVERSAL REPEATER MODE
	• SSID / BROADCAST SSID
	• CANALES: CH 1 ~ 11,
	• AUTHENTICACION : OPEN SYSTEM / SHARED KEY
	• TASA DE DATOS: 1, 2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48, 54M
• WIRELESS LAN	• WIRELESS ISP: BRIDGED WAN & LAN JUNTAS, CLIENTES WI-FI SE CONECTAN AL ISP AP
	• 802.1X ENCRIPCION & AUTENTICACION
	• ENCRIPCION: WEP (64/128BITS), WPA/WPA2-TKIP/AES2
	• MIXED WPA & WPA
	• WPA AUTENTICACION: PSK: PRE-SHARED KEY (PERSONAL) / RADIUS (ENTERPRISE)
	• WIRELESS ACCESS CONTROL POR MAC ADDRESS (ALLOW/DENY)
	• 802.11F, IAPP (INTER ACCESS POINT PROTOCOL)
	• CON SOPUERTOSE PARA: NETWORK TYPE: INFRASTRUCTURE & AD-HOC MODE
	• CON SOPUERTOSE PARA: SITE SURVEY SCAN & MANUAL CONNECT UP-TO 8 WDS AP LIST
	• SIPV2 (RFC 3261)
	• OUTBOUND PROXY SETS TO INCREASE PERFORMANCE, PRODUCTIVITY & SECURITY.
	• VOICE CODEC
• TELEFONIA IP	• G.711 (A-LAW/U-LAW): 64 BITS (PCM)
	• G.723.1: 6.3K/5.3K BITS
	• G.726: G.726: 16/24/32/40K BITS (ADPCM)
	• 5
	• G.729A: 8K BITS (CS-SCELP)
	• G.729B: ADDS VAD & CNG TO G.729G

	<ul style="list-style-type: none"> • VAD – VOICE ACTIVITY DETECTION WITH SILENCE SUPPRESSION • CNG – COMFORTABLE NOISE GENERATION • VOICE GAIN ADJUSTABLE • AUTOMATIC GAIN CONTROL • LINE ECHO CANCELATION • ADAPTIVE JITTER BUFFER • PACKET LOSS COMPENSATION - INCREASING VOICE QUALITY • DTMF: IN-B&, OUT-OF-B& (RFC 2833), & SIP INFO • CALLER ID • - CALLER ID GENERATION DTMF, FSK (BELLCORE, ETSI, BT, NTT) • - CALL WAITING CALLER ID • - SHORT RING / DUAL TONE BEFORE CALLER ID • FAX TRANSMISSION: • DETECCION DE TONOS • G.711 PASS-THROUGH • T.38 FAX RELAY PROTOCOL • TRANSMISION MODEM • DETECCION DE TONOS • G.711 PASS-THROUGH • TONE GENERATION (UP TO 13 COUNTRIES LOCALIZED TONE SELECTABLE) • RING TONE • RING BACK TONE • DIAL TONE • PROGRAMMING TONE • CUSTOMIZED RING CADENCE • CALL FEATURES • CALL HOLD • CALL TRANSFER (BLIND) • CALL FORWARD (UNCONDITIONAL, NO RESPONSE OR BUSY) • CALL CONFERENCE (3-WAYS) • DND (DO NOT DISTURB) • DIAL NUMBER PLAN • PROXY ROUTING CALL • DIRECT IP CALL • ROUTED TO REMOTE PSTN PHONE • SPEED DIAL • 6 • HOT LINE • PREFIX CODE, INSERT/DROP • 802.1X WIRELESS ENCRYPTION & AUTHENTICATION • BUILD-IN FIREWALL / DENIAL OF SERVICE • MD5 FOR SIP AUTHENTICATION (RFC 2069 / 2617) • PASSWORD PROTECTED ADMIN ACCESS AUTHORITY • DIMENSIONES (W*H*D): 175 X 32 X 126 MM • PESO: 0.6 KGM
• SEGURIDAD	
• AMBIENTAL	<ul style="list-style-type: none"> • TEMP. & HUMIDITY OPERATIVA • TEMP.: 0°C~45°C (32°F~113°F) • HUMEDAD NO CONDENSADA: 10%~90% RELATIVA
• ENERGIA	<ul style="list-style-type: none"> • INPUT : AC100V~240V, 50-60HZ • OUTPUT : DC 12V, 1.5A
• REGULACIONES	<ul style="list-style-type: none"> • FCC (PART 15, CLASS B) & CE PROCESSING
• GARANTIA	<ul style="list-style-type: none"> • 1 AÑO CONTRA DEFECTOS DE FABRICACION

