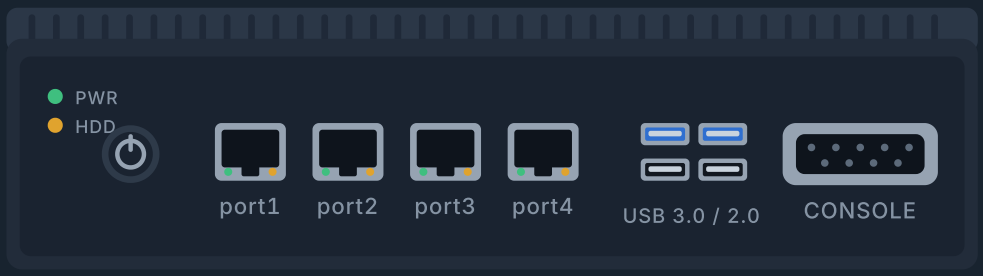
SignWall

NETWORK SECURITY APPLIANCES · S · M · L · XL

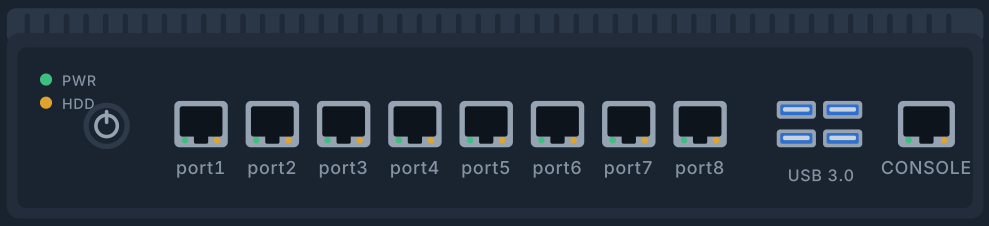
Network security, captive portal and 5651 in one box.

Firewall, threat protection, IPsec VPN, SD-WAN, an advanced built-in captive portal and signed log retention compliant with Law No. 5651. User-based internet control through domain single sign-on. Four hardware models, one software.

SignWall S



SignWall M



SignWall L



SignWall XL



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Why SignWall

All four models run the same software. S at the branch, XL at headquarters — the interface, the CLI and the policy language stay the same.

01

One software, four appliances

The S at a branch and the XL at headquarters share the same interface, the same CLI and the same policy language. Your team learns it once.

02

The captive portal is in the box

A multilingual portal for guest and staff access with SMS verification, sponsor approval, LDAP/AD and hotel PMS integration. No separate server, no extra licence, no cloud dependency.

03

5651 logs, signed and on the appliance

Access records are retained on a dedicated log disk, signed and timestamped by KAMU SM. Personal data is masked; logs are searchable and exportable.

04

Manage by user name, through SSO

The domain single sign-on agent binds users to their IP addresses; policies, quotas, web filtering and reports work with user and AD group names. Who, where and when — in a single rule.

05

Policy follows the user off-site

SignClient applies the same rules at the endpoint: posture checks, always-on tunnel, fail-close, remote quarantine.

06

Built in-house, integrated

The engines in the box were written by Sysnet. SignMesh pairs it securely with SignLogger products for central visibility.

25M	32	5651	6
Concurrent sessions (XL)	Virtual firewalls	Compliant signed log retention	Captive portal auth methods

What is in the box

Every capability below is in the same software and the same interface — no extra server, no second console, no separate training.

Firewall

- Stateful, zone-based policies; per-rule traffic counters and a policy test tool
- Identity-based rules: local users, LDAP/AD groups, RADIUS, domain single sign-on
- SNAT, DNAT/VIP (1:1, secondary IP), DNAT bound to a security policy
- Local-in policies for traffic to the appliance, trusted management sources

User identity, SSO and internet control

- Domain single sign-on agent: the user signed in to Active Directory is matched to their IP address
- User sources: local users, LDAP/AD (nested groups), RADIUS, external database
- Policies, quotas, web filtering and application control applied per user and per AD group
- Visibility by user name instead of IP in logs, reports and live monitoring views

Threat protection · SignGuard

- IPS/IDS with signature-based detection and blocking
- Application control by application and category
- Web filtering via cloud rating service, blocking of unrated sites, custom block pages
- DNS filtering and enforced safe search

VPN

- IPsec site-to-site and remote access; IKEv1/IKEv2, IPv4/IPv6, NAT traversal, MOBIKE
- Pre-shared key, certificates (IKEv2), XAUTH, RADIUS over IKEv2 (MSCHAPv2)
- Ordered user sources per tunnel and concurrent connection limits
- Two-factor authentication (TOTP, SMS), attempt limits and user quarantine

SignClient endpoint client · Windows, macOS

- Central enrollment and client policy; device groups
- Posture checks: disk encryption, OS firewall, antivirus/EDR, minimum client version
- Always-on tunnel and fail-close when the tunnel is down
- Tamper protection (uninstall password, signed settings) and tamper alerts

Networking and routing

- Static routing, policy-based routing (PBR)
- BGP, OSPF, RIP; BFD, graceful restart, route reflector
- Multicast: IGMP/MLD, IGMP proxy, PIM-SM/DM, SSM, BSR (IPv4/IPv6)
- SD-WAN: link profiles, health monitoring, load-balancing algorithms

Guest access and built-in captive portal

- The captive portal / hotspot runs inside the appliance; no separate portal server or cloud service
- Authentication methods: SMS verification, sponsor approval, LDAP/AD, RADIUS, external database
- Hotel PMS integration; sign-in by room and surname, access limited to the length of stay
- Multilingual portal, a sign-in page customizable to your brand, and terms-of-use text

Logging, Law No. 5651 compliance and monitoring

- Log signing compliant with Turkish Law No. 5651, with KAMU SM timestamping
- Logs are kept on a log disk separate from the system disk: 256 GB, 512 GB, 1 TB or 2 TB by model
- Local log index and log search; query results can be exported
- Privacy-focused data handling: personal data masked in logs

Management

- Web interface (Turkish/English) and CLI with a hierarchical configuration tree
- Candidate configuration, commit and rollback to earlier revisions
- Role-based access control, administrator two-factor authentication, remote administrator identity
- Certificate management: built-in CA, CSR, import as PEM/DER/PKCS#7/PKCS#12

Models

All four models run the same software; the difference is hardware capacity.

SignWall S

Small office / branch



Processor	Intel Core i3-5005U
Memory / log disk	8 GB / 256 GB
Network interfaces	4 × 2.5GbE
Firewall throughput	4.5 Gbps
Threat protection throughput	500 Mbps
Concurrent sessions	3 million

SignWall M

Mid-size branch



Processor	Intel Core i3-10110U
Memory / log disk	16 GB / 512 GB
Network interfaces	8 × 2.5GbE
Firewall throughput	7.5 Gbps
Threat protection throughput	800 Mbps
Concurrent sessions	6 million

SignWall L

Campus / regional hub



Processor	Intel Core i3-N305
Memory / log disk	32 GB / 1 TB
Network interfaces	4 × GbE + 2 × 10G SFP+
Firewall throughput	18 Gbps
Threat protection throughput	1.9 Gbps
Concurrent sessions	12.5 million

SignWall XL

HQ / data-center edge



Processor	Intel Core Ultra 5 125H
Memory / log disk	64 GB / 2 TB
Network interfaces	6 × 2.5GbE + 2 × 10GbE + 2 × SFP+
Firewall throughput	40 Gbps
Threat protection throughput	4.1 Gbps
Concurrent sessions	25 million

For a demo or a quote

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