



Red Piranha

CRYSTAL EYE SERIES 20



Australia's first Unified Threat Management (UTM) platform and the world's most powerful Next-Generation Firewall






Our Crystal Eye Series 20 Unified Threat Management (UTM) next-generation firewall (NGFW) is the ideal solution to defend your small business or branch-office from cyberthreats up to **250Mb/s internet connections**.

With Intel Gen 10 technology, Crystal Eye 20 offers powerful, flexible protection. Perfect for 4 - 40 users across multiple devices, our desktop units are an easy to deploy, easy to manage, effective security solution.




Through Crystal Eye's powerful threat intelligence system, the platform processes over 19-million Indicators of Compromise (IoC) per day using real-time visibility & analytics to enable automated actionable intelligence.

Crystal Eye Series 20 all-in-one security solution is backed by our world-class Security Operation Centre (SOC) and range of integrated specialist services. So, you can rest assured knowing you're fully protected by a team of global experts monitoring your information security now and into the future.

Complete UTM Platform

-  Next Generation Firewall (NGFW)
-  Automated Actionable Intelligence
-  Multi-layered security delivering defence in depth
-  Built-In Compliance Feature Set
-  Risk Assessment Reports
-  Vulnerability Scanning

Full Network Control

-  Network Security Monitoring
-  Advanced deep-packet inspection and decryption
-  Instant SOC & embedded SIEM solution
-  On-demand PCAP forensic analysis and logging
-  Gateway application whitelisting
-  Extended log processing, retention & policy management controls

 info@redpiranha.net
 +618 6365 0450
 www.redpiranha.net

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SPECIFICATIONS

Processing System

- Intel Generation 10 i-3-10100 (4 cores, 8 threads, 3.6GHz)
- Chipset Z490, Socket 1200

Memory Capacity

RAM: 32GB DDR4 2666MHz

Networking capacity

- 2 x Intel Gb WAN port
- 4 x Intel Gb LAN port
- Wireless 802.11ac

Interfaces

6x USB 3.1
2x USB 2.0

Stateful Inspection Firewall Features

- Multiple Security Zones
- Location-aware and Device-aware Identity-based Access
- Control Policy
- Security Policies – IPS, Web Filtering, Application Filtering, Anti-virus, Anti-spam and QoS
- Policy based Source and Destination NAT, Gateway Specific NAT Policy
- MAC & IP-MAC Filtering
- Spoof Prevention

Gateway Anti-Virus & Anti-Spyware Features

- SSL Mismatch Detection
- Cloaked URL Detection
- Virus, Worm, Trojan Detection and Removal
- Spyware, Malware, Phishing Protection
- Scans HTTP, HTTPS, FTP, SMTP/S, POP3, IMAP, IM, SMB, VPN Tunnels
- Customised Individual User Scanning
- Scan and deliver by file size
- Block by file types

Gateway Anti-Spam Features

- Inbound and Outbound Scanning
- Real-time Blacklist (RBL), MIME header check
- Filter based on message header, size, sender, recipient
- Subject line tagging
- IP address Black list/White list
- IP reputation-based Spam filtering

Web Filtering Features

- More than 130 categories
- Auto category updates
- Exception list
- IP or hostname based
- Controls based on URL, Keyword and File type
- Protocols supported: HTTP, HTTPS
- Block malware, Phishing, Pharming URLs
- Block java Applets, Cookies, Active X, Google Cache pages
- Data leakage control by blocking HTTP and HTTPS upload
- Banned phrase list, YouTube for Schools
- Custom Denied Message per Web Category

SD WAN Support

- IPSEC VPN for site to site communications
- Authentication – Active Directory, LDAP, RADIUS,
- Multi-layered Client Authentication – Certificate, Username/Password
- Lightweight SSL VPN Tunnelling Client
- TCP based Application Access – HTTP, HTTPS, RDP, TELNET, SSH

AI and Automated Actionable Intelligence

- AI rule matching to detect anomalies in network traffic
- Automatic defence rules from over 19 million IOC's processed daily
- Machine learning smart detection of network based SSH attacks

End Point Application Whitelisting

- Easy Device application mapping
- Ability to whitelist known good device Applications from the gateway
- Protect against Zero-day attacks
- Deal with encrypted malicious traffic with one click

Intrusion Prevention System Features

- 5 managed rule sets, comprising of 30k+ rules updated daily from the latest threats
- HTTP/TLS/DNS Logging
- Actions – Drop, Block, Reject, Pass
- Auto IPS Updates from Red Piranha threat intelligence sharing platform
- Protocol Anomaly Protection
- SCADA Aware
- VoIP and SIP protocol reporting
- Easy tuning in dashboards to reduce false positives

Application Filtering Features

- Layer 7 (Application) & Layer 8 (User) Control and Visibility
- Inbuilt Application Category Database
- Visibility and Controls for HTTPS based micro-apps like Facebook chat, YouTube video upload

SD WAN Features

- TCP & UDP Tunnelling
- Authentication – Active Directory, LDAP, RADIUS, Local
- Multi-layered Client Authentication – Certificate, Username/Password
- Lightweight SSL VPN Tunnelling Client
- TCP based Application Access – HTTP, HTTPS, RDP, TELNET, SSH

Bandwidth Management Features

- QoS Policies
- Guaranteed & Burstable bandwidth policy
- Application & User Identity based Traffic Discovery
- Data Transfer Report for multiple Gateways

Networking Features

- Automated Fallback/Failback
- Interface types: Alias, Multisport Bridge, LAG (port trunking), VLAN, WWAN, TAP
- Multiple DHCP Servers support
- Supports HTTP proxy, Parent proxy with FQDN
- Dynamic Routing: RIP v1&v2, OSPF, BGP
- IPv6 Support: Dual Stack Architecture: Support for IPv4 and IPv6 Protocols
- IPv6 Route: Static and Source

Administration & System Management Features

- Web-based configuration wizard
- Role-based Access control
- Firmware Upgrades via Web UI
- Web 2.0 compliant UI (HTTPS)

User Authentication Features

- Internal Database
- Microsoft Active directory connector
- Internal active directory server

Dimensions

W x D x H 280mm(w) 300mm(d) 80mm(h)
Weight 5Kg

General Details

1x HDMI port, x2 USB 2.0, x5 USB 3.1 type A Gen 2 10Gbs
x1 USB 3.1 type C Gen 2 10Gbs
6Gb/s SATA 3 storage subsystem
Voltage spike protection
802.3az (Energy Efficient Ethernet) support
Certifications: FCC, CE

Other add-on options

Wireless Module for WIFI Application

Power

Input Voltage 110 VAC/220-240 VAC

AUTOMATED
PROTECTION

AUTOMATED
DETECTION

AUTOMATED
RESPONSE