VALYR
CAGEWATCH
DEFENSE IN DEPTH

Modular System for simple and easy deployment

Access Control enhancement

Enhanced Security by creating an additional physical barrier plus an additional electronic barrier

An essential part of every data centres security design

Expandable sizing to suit every site application

Cost effective perimeter intrusion up to Class 3

ISO/IEC TS 22237-6 Compliance Enhancement

FOR MORE INFORMATION
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VISIT OUR WEBSITE
www.valyr.com.au

Data Hall Protection
Versatile Protection System

Data Hall perimeter protection that is a cost effective measure to increase compliance with ISO/IEC22237-6:2018 Information Technoloogy - Data Centre Facilities and Infrastructure, Protection Class 3 with specific adherence to "organisational processes" required for compliance.

What This means for data centre facilities is that each data hall, no matter the size, is now able to offer a Class 3 layer of protection internally, owned, managed and reportable via existing physical security systems.

You are now in control.

CageWatch utilises specifically designed light curtains in unison with a physical barrier mesh around each data hall to deter, detect and delay intrusion into the data hall area. CageWatch can be integrated with access control systems to assist with monitoring doors in and out of 'clean in/ clean out' spaces as well as the data hall area itself.

Doors into and out of data hall areas can no longer be breached by cutting holes in doors as CageWatch creates an impenetrable barrier across each door to detect any intrusion attempt and immediately notify the alarm via the onsite intrusion alarm system.

Flexibilty is the key to any perimeter intrusion system and CageWatch offers users the ability to isolate door alarms for a predetermined period or to allow onsite guard force to complete regular perimeter checks.

Modular, adaptable and simple to install and maintain, CageWatch secures your important assets in a cost effective solution allowing you to take control of your facility and its compliance.

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Datasheet Information

Modes	**3 modes of operation: RackWatch, CageWatch, DoorWatch.**
No. of Light Curtains	standard 2 light curtain sets, expandable up to 4 light curtain sets (using external power supply)
I/O Functionality	alarm output Dry contact NC, NO, COM, 3 x LED outputs - RED, GREEN, BLUE either JST or screw terminals 3 inputs for various controller mode functionality. JST output for expansion board connectivity
System Integration	low level interface with third party I/O interface
Events	alarm, isolation, armed
Tamper detection	removal of unit cover/tamper front removal of unit casing from wall/tamper dry contact NO, NC, COM
Event actions	output activations, status LEDs
General	
Casing	colour: grey for repainting instructions of skin cover or casing and impact on warranty, contact your Valyr partner
Sustainability	PVC free
Power	Power in: 12 V DC, max 500mA (not supplied with controller) Controller: 30mA, Controller + 2xLC: 110mA
Connectors	**Terminal blocks:** DC Power, 3 inputs/2 outputs, 4x LED colours, Light curtain RX/TX x 2 **JST sockets:** 2 x Light Curtain TX connections 2 Light Curtain RX connections, 1 LED connection **Barrel Jack** 12 V DC IN
Cable requirements	DC power IN: AWG 18-16 I/O as inputs: AWG 28-16, qualified for third party controller requirements I/O as outputs: AWG 28-16, qualified for third party controller requirements LED bar lighting: AWG 16-12 (for optional VAL-CW-HWLED-KIT, VAL-CW-VWLED-KIT
Operating Conditions	-20°C to +55°C (-20°F to +131°F) humidity 20-85% RH (non-condensing)
Storage Conditions	-20°C to +55°C (-20°F to +131°F)
Approvals	FCC, EMC
Dimensions	236 x 120 x 25mm (8.66" x 4.72" x 1")
Weight	280gm (.6 lb)
Included Accessories	VAL-CW-CTRL001, VAL-CW-CTRL002
Optional Accessories	VAL-CW-CTRL005 VAL-CW-LC-7.2x2.4-KIT VAL-CW-SWM-001 VAL-CW-SDM-001 VAL-CW-DLED-KIT VAL-CW-VWLED-KIT VAL-CW-HWLED-KIT VAL-CW-SP001
Warranty	12 month warranty, see Valyr.com.au/warranty

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