

Cavity Monitoring Systems

For Hire in WA

Do you have voids you need to survey and not been able to? We can help!

Do you have the need for a one off survey of a void without a CMS? We can Help!

Have you wanted to hire a CMS and not been able to? We can provide!

When your CMS goes in for a service or is damaged do you need a spare? We can help!

CMS Solutions Australia can help with all of these problems.

CMS Solutions is a small company trying to provide a service that is not currently available in Australia. We can supply you a CMS for short or long term hire. Call +61-428813163 to find out about our rates and availability.

OPTECH's Cavity Monitoring System revolutionizes the surveying of subterranean cavities. Custom designed for subterranean scanning, the CMS delivers a fast, accurate 3D surveying solution in a configuration that meets the challenges of working underground - a compact unit, wireless operation, sealed optics and specialized accessories. Universally adopted data formats ensure that CMS data can be used in any software workflow.

OPTECH's CMS is the ideal scanning solution for dangerous and inaccessible cavities. With wireless control using the included handheld computer and an extendable boom system, the CMS can go deeper and farther than other scanning solutions, all while maintaining operator safety. The unit is fully programmable, allowing the user to define scan parameters including elevation step, azimuth step and scan limits. It can be inserted through boreholes as narrow as 25 cm (10 inches).



Contact Details

P.O. Box 6244
East Perth
Western Australia

☎: +61-428813163

✉: enquiries@cmsoz.com.au

💻: www.cmsoz.com.au

Max. range	To 20% target - 350 m To white wall - 650 m
Wireless operation	Up to 50+ m
Range resolution	1 cm
Angular resolution	0.1°
Range accuracy	±2 cm within limited operating
	temperature
Spot size	4 cm + (0.005 x distance) (cm)
Maximum # of readings	100,000 per survey
Output	
Output format	DXF, ASCII, XYZ
Data transfer	Serial, RS-232C, USB, IR via
Power	
Internal battery	24 VDC battery
Environmental	
Operating temperature	-10° C to 50° C
Visible laser pointer	0° C to 40° C
Storage temp.	-40° C to 50° C
Physical Size	
Scanning head	53(L) x 16.8(W) x 15.2(H) cm
Weight	7 kg
Power module	27(L) x 24(W) x 17.5(H) cm
Weight	8.3 kg
Support system	Boom: 229(L) x 23(W) x 25(H) cm
	Mast: 193(L) x 20(W) x 25(H) cm
Weight	44.5 kg
Eye safety	
Infrared rangefinder laser	FDA Class I; 21 CFR 1040
Visible laser pointer	FDA Class II; 21 CFR 1040



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