

**GEOsCAD2 v17 Full Features**

Features		GEOsCAD2 v17
Licensing	Dongle (USB)	✓
Compatibility / Platform	ZWCAD 2017 – SP2 Version and Above ( Std / Pro Module )	✓
	ZWCAD Classic Pro	✓
	ZWCAD+ 2015 – SP3 Version ( Std / Pro Module )	✓
Bearing and Distance	<b>Label Bearing Distance (Automatic (Batch) / Manual) :</b>	
	- Line ( Entity )	✓
	- Break Line ( Auto Break )	✓
	- 2-Points	✓
	- Polygon ( Close Boundary )	✓
	Reverse Bearing	✓
Area	Add Bearing Spacing	✓
	<b>Calculate &amp; Label Area :</b>	✓
	- By Automatic ( Batch )	✓
	- By Manual ( Individual )	✓
	- By Points	✓
Lot Number	- Measurements Units ( M2, Ha, Ek, Kp )	✓
	<b>Label Lot Number</b>	
	- Automatic ( Batch )	✓
	- Manual ( Individual )	✓
	Add ( PT / PTD / PTB / PLOT / A / C... ) To Lot Number	✓
Road Width	Pelan Lakar	✓
	<b>Label Road Width</b>	
	- Vertical / Horizontal	✓
Insert Symbol Tools	- Meter / Feet	✓
	Boundary Marks ( Trim / Without )	✓
	Cutting Symbol – Civil Engineer Style ( Fill / Without )	✓
	Cutting Symbol – Surveyor Style ( Fill / Without )	✓
	Points Symbol ( LP / EP / TP / MH / HWP... )	✓
Spot Level	Insert Stone Number	✓ (New)
	Change Datum ( Text / Point Level )	✓
	Add IL to Spot Height	✓
Interpolate	Spot Level	✓
	Cross Section	✓
Points	Label Coordinates Point	✓
	Add, Interpolate, Change Datum	✓
	Set Point Elevation to Zero ( eq. Z=0 )	✓
	Exports ( X, Y, Z )	✓
Traverse Line	Plot ( Stn.No., Bearing & Distance )	✓
	Radiate from Station	✓
	Misclose Adjustment Methodology :	✓
	- Bowditch / Transit / Crandall / Misclose Report	✓
	Po and New Adjust	✓
Cross Section	Generate Cross Section from XYZ-points	✓
Long Profile	Generate Long Profile from XYZ-points	✓
	Copy Center Line Point	✓ (New)
Pile Survey	Set Pile Number	✓
	ASCII Output for XY	✓
	ASCII Output for Bearing Dist XY	✓
	Pile Deviation Asbuilt	✓
Others	<b>PolyLines</b>	✓
	- Multi B-poly	✓
	<b>Line</b>	✓
	- Break Lot Lines	✓
	Set All Entities / Object to Elevation = 0	✓
	Offset Lot Lines	✓
TEXT	Rotate Text ( Align / Vertical / Horizontal )	✓
	Change Text Oblique Angle	✓ (New)
Unit Conversion	For Distance & Spot Levels ( Feet / Meter / Link / Inches )	✓
	For Point ( Feet / Meter / Link )	✓
	For Area ( Acre / Hectare / Sq Meter / Sq Feet )	✓
Transformation Coordinate	Cassini to RSO	✓
	RSO to Cassini	✓
	RSO to MRT	✓
	MRT to RSO	✓
Table	Area Table	✓
	Bearing Distance Table	✓
	Coordinate Table	✓ (New)
Display Coordinate Format	Standard	✓
	Sabah & Sarawak	✓ (New)

✓ Supported

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