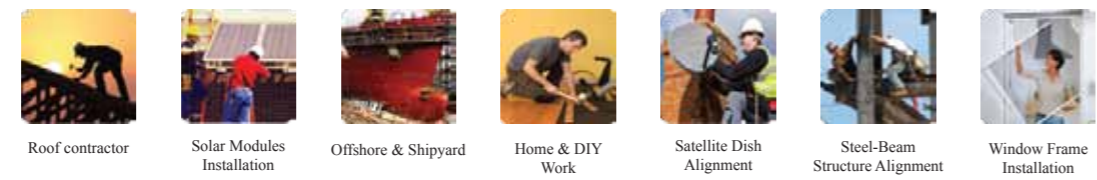


**TECHNICAL SPECIFICATION :**

TECHNICAL DATA QUICK REFERENCE*	MODEL SERIES							
	80	100	200	280Pro	600	680Pro	1000XY	
Type	Pocket-Size	Module	Torpedo	Waterproof	Heavy Duty	Waterproof	2-Axis Post	
Measurement range (Single Axis)	±0° ~ ±90°							
Measurement range (Dual Axis)	±0° ~ ±45°							
Resolution	0.1° (1.745mm/M)	DWL80E	DWL200					
	0.05° (1.0mm/M)	DWL80Pro	DWL130 / DWL180	DWL280	DWL280Pro	DWL600F	DWL680Pro	DWL1000XY
Accuracy	0.1°	DWL80E	DWL200					
	0.05°	DWL80Pro	DWL130 / DWL180	DWL280	DWL280Pro	DWL600F	DWL680Pro	DWL1000XY
(°) Degree, % slope	●	●	●	●	●	●	●	
in/Ft, mm/M		●	DWL280	●	●	●		
Dual Axis XY measurement							●	
Buzzer sound		●	●	●	●	●	●	
HOLD function to freeze reading	●	●	●	●	●	●	●	
Built in vials	●		●	●	●	●	●	
Magnet	●		●	●			●	
Backlight				LED	●	OLED	●	
Alternate Zero (Set any angle to 0)	●	●	●	●	●	●	●	
Inverted reading display	DWL80Pro	●	DWL280	●	●	●	●	
Auto shut off (Power saving)	●	●	●	●	●	●	●	
User self calibration	●	●	●	●	●	●	●	
Dimension** L x H x W (mm)	105 x 55 x 18	95 x 48 x 43	200 x 43 x 18	230 x 57 x 28	600 x 60 x 27	600 x 60 x 27	610 x 121 x 52	
Operating temp.	0° ~ +50° (Celcius)	●	●	-20° ~ +60°	●	-20° ~ +60°	●	
Storage temp.	-10° ~ +60° (Celcius)	●	●	-30° ~ +70°	●	-30° ~ +70°	●	
Waterproof rating				IP67		IP65		
Batteries	2 x CR2032			3 x AAA	2 x AAA	4 x AAA	2 x AAA	

Note : \* Product Specification and appearance are subjected to change for product improvement without prior notice.  
 \*\* Dimension stated in this chart is approximation.  
 Blank Space - indicate this feature is not available for this model.  
 Dot "●" - indicate this feature is available for this model.

**Applications :**



Authorised Distributor:

[www.digipas.com](http://www.digipas.com)



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**Professional Digital Level**



*Innovation & Technology Driven™*

**Advanced Digital MEMS Technology**



Traditional Pendulum/Vial methods



# PROFESSIONAL DIGITAL LEVEL

Innovation & Technology Driven™

## Pocket Size Digital Level - DWL 80 Series

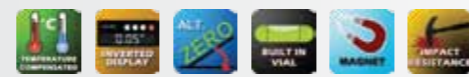


DWL 80 series is an aesthetic & innovative pocket-size digital level having a resolution of 0.1°/0.05°. The impact resistance ABS-PC polymer material case is moulded to tough aluminium based with built-in magnet.

The high quality yet affordable price of DWL 80 series is suitable for entry DIY & professional users seek to have an amazing experience of precision digital levelling technology which the traditional spirit level is unable to provide.

Model	DWL-80E	DWL-80Pro
<b>Resolution</b>	0.1° (1.745mm/M)	0.05° (1.0mm/M)
<b>Accuracy</b>	± 0.1° at 0° & 90°; ± 0.2° at 1° to 89°	± 0.05° at 0° & 90°; ± 0.2° at 1° to 89°
<b>Measuring Range</b>	0° ~ 90°; 4 x 90° (360°)	
<b>Measuring Unit</b>	(°) Degree & %Slope	

Features		
Handy pocket size		
Alternate Zero Function	Yes	Yes
Inverted display	No	Yes
User self calibration	Yes	Yes
Automatic Shut off	Yes	Yes



Traditional Mini Level



## Heavy Duty Digital Level - DWL 600 Series

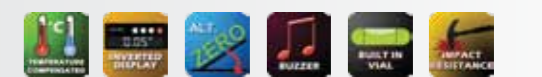


DWL 600 advanced electronic modules, with a resolution of 0.05°, is designed to be fitted into rugged aluminium structure of 600mm length to meet most challenging heavy duty applications. Calibration certificates obtained from USA, Japan, UK & Germany on product specification conformance are available for reference.

The digital level can withstand Impact & shock, making this series ideal for professional uses in tough working conditions.

Model	DWL-600F
<b>Resolution</b>	0.05° (1.0mm/M)
<b>Accuracy</b>	± 0.05° at 0° & 90°; ± 0.2° at 1° to 89°
<b>Measuring Range</b>	0° ~ 90°; 4 x 90° (360°)
<b>Measuring Unit</b>	(°) Degree, %Slope, in/Ft & mm/M

Features	
Illuminated Display	Backlight LCD
Alternate Zero Function	Yes
Inverted display	Yes
User self calibration	Yes
Automatic Shut off	Yes



Traditional Spirit Level



## Digital Level Module - DWL 100 Series

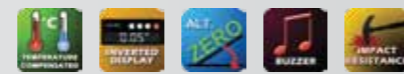


DWL 130 & DWL 180 modules having a resolution of 0.05° are primarily designed for user convenience application. These modules can be attached onto traditional spirit levels to INSTANTLY convert these spirit levels into highly accurate digital levels.

These modules can either CLIP-ON or SCREW-ON to various length & width conventional spirit level.

Model	DWL-130	DWL-180
<b>Resolution</b>	0.05° (1.0mm/M)	
<b>Accuracy</b>	± 0.05° at 0° & 90°; ± 0.2° at 1° to 89°	
<b>Measuring Range</b>	0° ~ 90°; 4 x 90° (360°)	
<b>Measuring Unit</b>	(°) Degree, %Slope, in/Ft & mm/M	

Features		
Adjustable Clip Width	Yes	No
Alternate Zero Function	Yes	Yes
Inverted display	Yes	Yes
User self calibration	Yes	Yes
Automatic Shut off	Yes	Yes



Traditional Spirit Level



## Waterproof Digital Level Series

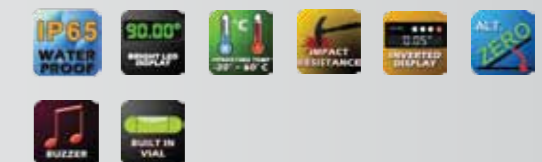


DWL 280Pro & DWL 680Pro is a waterproof digital level embedded with advanced LED/OLED technology allowing for the brightest display. It is also designed to the stringent specification of IP65/67 - water, shock, dust & freeze proof, and wide operating temperature range allowing for high performance and reliability in the toughest working environment.

Both models have all the features necessary to make them indispensable levelling tool for the professional and trademen.

Model	DWL-280Pro	DWL-680Pro
<b>Resolution</b>	0.05° (1.0mm/M)	
<b>Accuracy</b>	± 0.05° at 0° & 90°; ± 0.2° at 1° to 89°	
<b>Measuring Range</b>	0° ~ 90°; 4 x 90° (360°)	
<b>Measuring Unit</b>	(°) Degree, %Slope, in/Ft & mm/M	

Features		
Illuminated Display	LED	Organic LED (OLED)
Wide Operating Temperature	-20°C ~ +60°C	
Waterproof TÜV SÜD Certification	IP67	IP65
Inverted display	Yes	
User self calibration	Yes	
Alternate Zero Function	Yes	



Traditional Spirit Level



## Torpedo Digital Level - DWL 200 Series

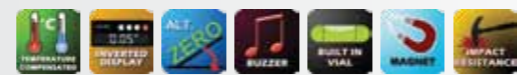


DWL 200 & DWL 280 is a compact-size torpedo digital level having resolution of 0.1°/0.05°. The strong impact resistance ABS plastic material is moulded with a tough aluminium base to form the rugged yet elegant body structure.

Built in strong magnets to hold on to metal work piece when measuring.

Model	DWL-200	DWL-280
<b>Resolution</b>	0.1° (1.745mm/M)	0.05° (1.0mm/M)
<b>Accuracy</b>	± 0.1° at 0° & 90°; ± 0.2° at 1° to 89°	± 0.05° at 0° & 90°; ± 0.2° at 1° to 89°
<b>Measuring Range</b>	0° ~ 90°; 4 x 90° (360°)	
<b>Measuring Unit</b>	(°) Degree & %Slope	(°) Degree, %Slope, in/Ft & mm/M

Features		
Compact Design		
Inverted display	No	Yes
User self calibration	Yes	Yes
Alternate Zero Function	Yes	Yes



Traditional Torpedo Level



## 2-Axis Digital Post Level - DWL 1000XY Series



DWL 1000XY is a 2-Axis digital post level, having a resolution of 0.05°, designed for professional & tradesmen to achieve speedy and accurate means of putting up post, fences/guttering, pipe, window, and door frames.

It is ideally used for site inspection works especially to measure & guide for erecting a post in both vertical and horizontal axis concurrently.

Model	DWL-1000XY
<b>Resolution</b>	0.05° (1.0mm/M)
<b>Accuracy</b>	± 0.05° at 0° & 90°; ± 0.2° at 1° to 89°
<b>Measuring Range (Single Axis)</b>	0° ~ ±90°
<b>Measuring Range (Dual Axis)</b>	0° ~ ±45°
<b>Measuring Unit</b>	(°) Degree & %Slope

Features	
2-Axis display (X & Y)	0° ~ 90° X & Y ±90° simultaneously
Illuminated Display	Backlight LCD
Alternate Zero Function	No
Inverted display	No
User self calibration	Yes



Traditional Spirit Level

