

**SOUTH**

# DL-2007/DL-200

## SERIES DIGITAL LEVEL



[www.southinstrument.com](http://www.southinstrument.com)  
[www.southsurvey.com](http://www.southsurvey.com)

## Features

- Automatic Reading: Human errors eliminated from misreading and misreporting
- High Accuracy: Averaging mode for more accurate results
- Fast Computation: Half time saved when compared with traditional auto level
- High Efficiency: Abundant surveying software programs available, and with automatic error compensation
- Auto Save: Internal storage or SD card memory optional, paperless operation



USB interface

SD card Function



ACS5 5m Aluminum Code Staff  
FCS2 2m Fiberglass Code Staff,  
two section

## SPECIFICATIONS

Item		DL-2007	DL-201	DL-202
height accuracy (standard deviation for 1km double run leveling)	digital reading	0.7mm	1.0mm	1.5mm
	optical reading	2.0mm		
distance accuracy	digital reading	D≤10m:10mm;D>10m:D*0.001		
distance range	digital reading	1.5m~100m		
minimum display	HD	1mm/0.1mm		
	distance	0.1/1cm		
measuring time		within 3s in normal condition		
telescope	magnification	32×		
	resolving power	3"		
	field of view	1° 30'		
	multiple constant	100		
	additive constant	0		
compensator	type	magnetic-damped		
	range	>±12'		
	accuracy	0.30" /1'		
data storage (for only DL-201, DL-2007)	storage	16MB		
	point name	increasing/decreasing/customized		
	connection	USB		
	external storage	SD Card		
circular vial accuracy		8'/2mm		
auto power off		5minutes OFF		
horizontal dial	graduation	1°		
display		160*64dpi LCD with illumination		
working temperature		-20℃~50℃		
dimension		230mm(L)×150mm(W)×210mm(H)		
weight		2.5kg		

# SOUTH

SOUTH SURVEYING & MAPPING INSTRUMENT CO.,LTD.

Add: 2/F, Surveying Building (He Tian Building),NO.24-26, Ke Yun Road, Guangzhou 510665, China

Tel: +86-20-85529099/85524990

Fax: +86-20-85524889/85529089

E-mail: mail@southsurvey.com

export@southsurvey.com

http://www.southinstrument.com

http://www.southsurvey.com