LDM-180/200/220

Professional Laser Distance Meter

LDM-180/200/220 professional Laser Distance Meters integrate with 2.4" color TFT LCD display, and powerful embedded operating system support, including large-capacity data storage, Micro SD memory card, and high pixel camera. This series offering Bluetooth interface with computer or mobile phone connection, you can use meterbox software provided by CEM to interact with these range finders. User can be back with measured data and recorded images (JPEG) or video (3GP) in office to analyze the measured readings under the support of software.

Features	LDM-180	LDM-200	LDM-220
2.4" TFT 320x240 Pixels Color LCD Display		*	*
Built-in Camera			*
Images (JPEG) & Video (3GP)			*
Micro SD Memory Card & Datalogger Function			*
Electrical Compass		*	*
Angle Measurement Using Tilt Sensor (±65°)		*	*
Area, Volume Calculations	*	*	*
Indirect Measurement Using Pythagoras	*	*	*
Addition/Subtraction	*	*	*
Continuous Measurement	*	*	*
Min/Max Distance Tracking	*	*	*
Timer (self-triggering)	*	*	*
Laser Continuous	*	*	*
Stake-out Function	*	*	*
Display Illumination and Multi-line Display	*	*	*
Buzzer Indication	*	*	*
Multifunctional Endpiece	*	*	*
Bluetooth Interface	*	*	*
Meterbox iLDM & Cloud Service	*	*	*

Specifications	LDM-180	LDM-200	LDM-220
Measuring Range	0.05 to 80m (0.15ft to 229.0ft)	0.05 to 100m (0.15ft to 328.0ft)	0.05 to 120m (0.15ft to 328.0ft)
Measuring Accuracy	Typically ±1.5mm (±0.06in)	Typically ±1.5mm (±0.06in)	Typically ±1.5mm (±0.06in)
Smallest Unit Displayed	1mm	1mm	1mm
Measuring Units	m, in, ft	m, in, ft	m, in, ft
Laser Class	Class II 635nm, <1mW	Class II 635nm, <1mW	Class II 635nm, <1mW
Range of Bluetooth	10m	10m	10m
Camera Pixels			5Mega
Compass Measuring Range		0-360°	0-360°
Compass Measuring Accuracy		±2°	±2°

Tilt Sensor Measuring Range	±65°	±65°	±65°
Tilt Sensor Measuring Accuracy		±0.5°	±0.5°
Dust Protect/Splash Proof	IP54	IP54	IP54
History Measurement Records	50	100	100
Keyboard Type	Super Soft-touch (Long Life)	Super Soft-touch (Long Life)	Super Soft-touch (Long Life)
Operating Temperature	-10℃ to 50℃ (14℉ to 122℉)	-10℃ to 50℃ (14℉ to 122℉)	-10℃ to 50℃ (14℉ to 122℉)
Storage Temperature	-20℃ to 70℃ (4℉ to 158℉)	-20℃ to 70℃ (4℉ to 158℉)	-20℃ to 70℃ (4℉ to 158℉)
Battery Life	Up to 8,000 Measurements	Up to 5,000 Measurements	Up to 5,000 Measurements
Auto Laser Switch-off	After 0.5min	After 0.5min	After 0.5min
Auto Instrument Switch-off	After 3min	After 3min	After 3min

Size(HxWxD): 140mm x 55mm x 35mm
Weight: 145g

Applications

Professional Laser Distance Meter

LDM-180/200/220 professional Laser Distance Meter is designed to provide special users a high accuracy, one person distance measuring and estimating tool to measure remote and difficult to reach places. The compact and handy base model was specifically designed for indoor applications. Shortcut keys for addition, subtraction, Pythagoras, area and volume calculation make measuring fast and very reliable. The last 50 measurements are also stored.

Meterbox-iLDM Software
for Laser Distance Meter
Amazing features and built-in apps.

The Meterbox-iLDM software can support our Laser Distance Meter product transfering the measured data to the customer's smartphone. Customers can easily use the softwear to check, transfer or edit the data with table and chart.

They also have powerful cloud functions such as computing and storage service.

Accessories:
2 x 1.5V AA batteries and gift box with carrying case.