

TFN

BK6D

6KM LASER RANGING ALTIMETER

Laser rangefinder



PERFORMANCE CHARACTERISTICS



MEASUREMENT OF LINEAR DISTANCE, HORIZONTAL ANGLE,
HORIZONTAL DISTANCE AND ALTITUDE OF THE TARGET



NO COOPERATIVE
REMOTE TEST



MEASURE ND:YAG LOW LIGHT,
WAVELENGTH 1.064 MICRONS



THE EFFECTIVE MEASURING
RANGE IS ABOVE 6000M



DIGITAL RANGE GATE OPTIONAL



THE CROSSHAIRS ARE
ILLUMINATED AT NIGHT



RS232 DATA INTERFACE



THE MEASURING
ACCURACY IS 0.5M



81 TARGET DATA STORAGE, ACCESS

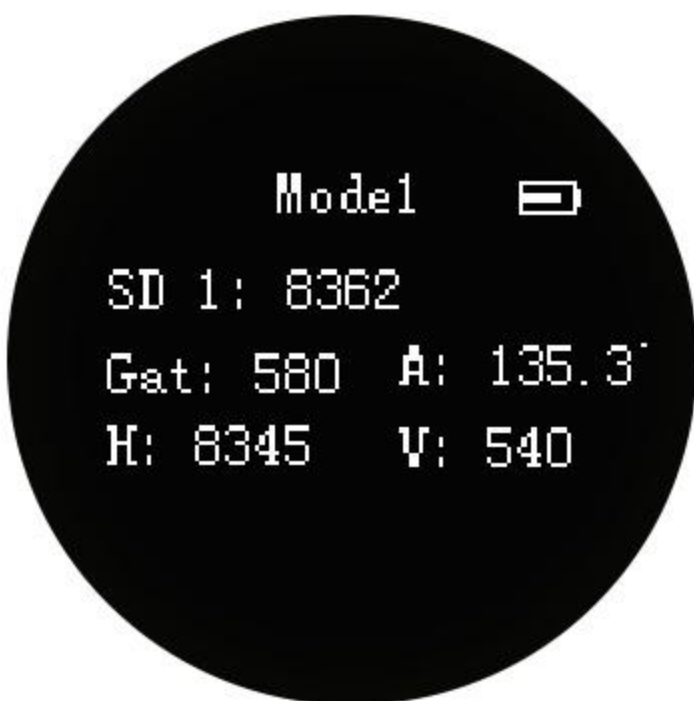


OPERATING TEMPERATURE
-30° C ~60° C

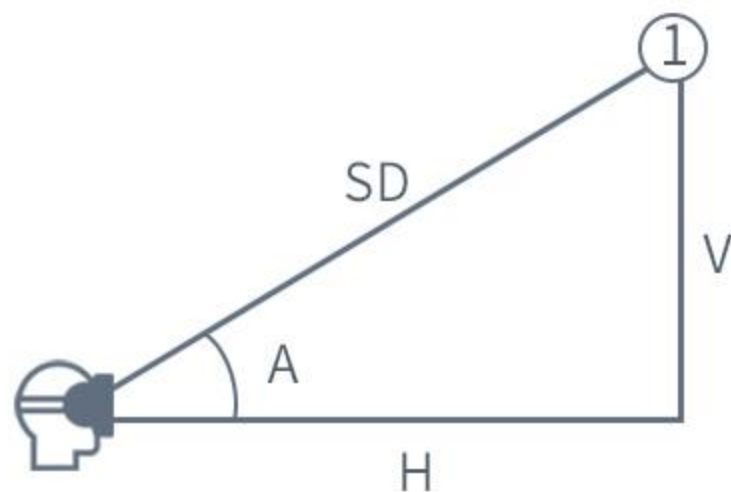
1

GATE/LINEAR DISTANCE/HORIZONTAL DISTANCE/HEIGHT/ANGLE WORKING MODE 1

AFTER THE INSTRUMENT IS POWERED ON, THE DEFAULT MODE IS MODE 1.



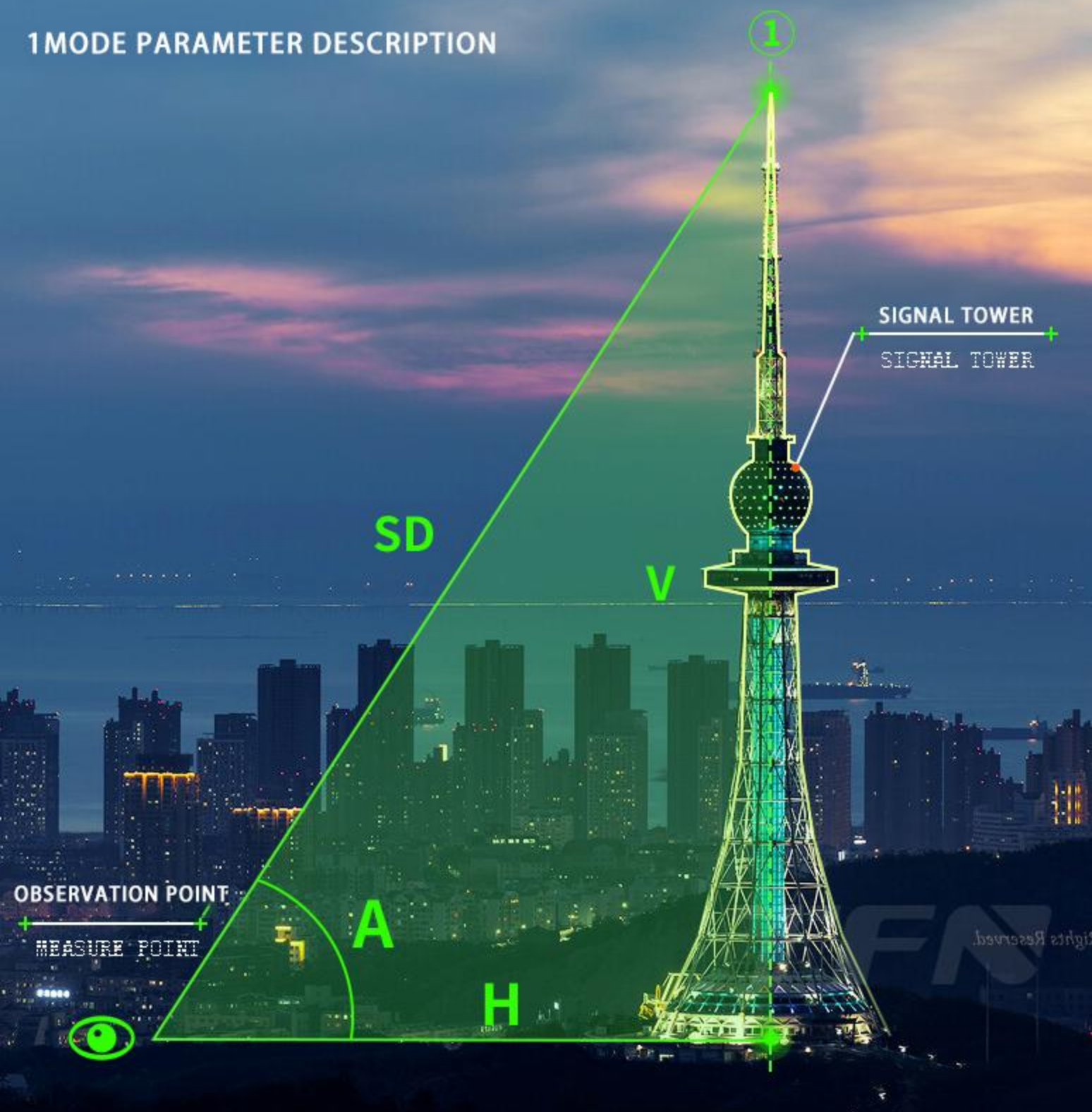
MODE 1 DISPLAYS THE FIGURE



MODE 1 PARAMETER DIAGRAM

| GATE NUMBER (GAT) OF RANGE FINDER | |
|--|---|
| LINEAR DISTANCE OF OBJECT 1 (SD1) | HORIZONTAL DISTANCE BETWEEN INSTRUMENT AND TARGET (H) |
| HORIZONTAL ANGLE BETWEEN INSTRUMENT AND TARGET (A) | HEIGHT DIFFERENCE BETWEEN INSTRUMENT AND TARGET (V) |

1MODE PARAMETER DESCRIPTION



2

DISPLAYS THE NUMBER OF DISTANCES FOR THE
LAST 81 COUNTS OF INTERNAL STORAGE
WORKING MODE 2

PRESS “△” “▽” KEY TO VIEW THE DATA IN MEMORY

Mode2 

SD 01: 8362
SD 02: 5230.5
SD 03: 6571.5

MODE 2 DISPLAYS THE FIGURE

SD 02: 5230.5
SD 03: 6571.5
SD 78: 8362
SD 79: 5230.5
SD 80: 6571.5
SD 81: 651.5

3

AIM CROSSHAIRS FOR BACKLIT LIGHTING AT NIGHT

HUMANIZED OBSERVATION DISPLAY

PRESS THE POWER BUTTON TO TURN ON THE DIVISION LIGHTING,
WHICH IS CONVENIENT TO ILLUMINATE THE CROSSHAIRS AT NIGHT,
AND PRESS THE POWER BUTTON AGAIN FOR THE BRIGHTEST LIGHTING.



NORMAL STATE



BACKLIGHT

EQUIPMENT SIZE



OBJECTIVE LENS

EMISSION WINDOW



CABLE SOCKET

BATTERY COVER

EYEPIECE

FOCUSING EYEPIECE

GATING

选通

模式

MODE

ADJUST

源

POWER SUPPLY









| | | | |
|------------------------|-------------------------------------|---|--------------------|
| RANGING PERFORMANCE | MINIMUM DISTANCE MEASUREMENT | NO MORE THAN 30 METERS | |
| | MAXIMUM RANGE | 9999 M | |
| | EFFECTIVE RANGE MEASUREMENT | NO LESS THAN 60,000 METERS | |
| | RANGING ACCURACY | ±0.5 M (MEDIUM ERROR) | |
| | RANGE RESOLUTION | NO MORE THAN 30 METERS | |
| | REPETITION FREQUENCY | 6 TIMES/MIN, CONTINUOUS WORK; 10 TIMES/MIN IN CASE OF EMERGENCY | |
| | RANGE GATING | 10 M -5000 M CONTINUOUS ADJUSTABLE, THE EYEPIECE DISPLAYS ACCURATE DATA IN DIGITAL FORM | |
| | THE ACCURATE MEASUREMENT RATE IS | NOT LESS THAN 98% | |
| OPTICAL PERFORMANCE | APPARENT MAGNIFICATION | 6X | |
| | FIELD OF VIEW | 6.5 DEGREES (HORIZONTAL DIRECTION) | |
| | PUPIL DIAMETER | 5.2MM | |
| | PUPIL DISTANCE | 20.3MM | |
| | RESOLUTION | 7.79 SECONDS | |
| USABILITY ENERGY | POWER SUPPLY | USE TWO 18350 1000MAH,3.7V RECHARGEABLE LITHIUM BATTERIES | |
| | DATA INTERFACE | STANDARD RS232 SERIAL INTERFACE | |
| | ENVIRONMENTAL ADAPTABILITY | WORKING TEMPERATURE | (-30~+60℃) |
| | | MAXIMUM RELATIVE HUMIDITY | 95~98% |
| | | THE MAIN ENGINE STRUCTURE ADOPTS THE SEALING WATERPROOF DESIGN, THE SEISMIC MOTION DESIGN | |
| | SIZE WEIGHT | CONTOUR SIZE | 202MM 149MM 90MM |
| | | WEIGHT | LESS THAN 1. GRAMS |

PRODUCT DISPLAY



SHIPPED PARTS

| PRODUCT PICTURE | PRODUCT NAME | PRODUCT PICTURE | PRODUCT NAME |
|---|----------------------------------|--|---------------------------|
|  | PRODUCT NAME |  | RS232 COMMUNICATION CABLE |
|  | LITHIUM BATTERY CHARGER |  | EXTERNAL TRIGGER CABLE |
|  | 4 RECHARGEABLE LITHIUM BATTERIES |  | CLEANING FLANNELETTE |
|  | DOVETAIL COUPLING SEAT |  | CLEANING BRUSH |







