

DMSD01-6-30X-50-HDW User Manual

This digital night vision camera can be used in both daytime and nighttime, its inner WIFI could link mobile phone, so users could observe and operate on mobile phone. The magnification range is 6~30X, objective diameter is 50mm, infrared light is imported from USA, visual range is 0.8 ~ 580m. Users can take photo and video on both night vision and mobile phone. It is capable of an SD expansion up to 128GB. The night vision camera can records at 1080P, allowing you to clearly and easily identify your target in playback. Whether you are interested in exploring, hunting, or just staying safe in pitch black conditions, this Night Vision Camera is all you will ever need.

WARNING: When using electronic equipment, always take the following basic safety precautions: For adult only. This camera is not a toy --- treat with care. This camera is intended for recreational use only. Using this camera for illegal activities is absolutely prohibited.

CARE & MAINTENANCE: Keep away from water and store in a cool, dry environment; Do not attempt to repair. Clean lens with dry microfiber cloth is OK.

USER INSTRUCTIONS:(See Product Diagram for number correspondence)

Turn On: Press 7 once. Green Light next to eye hole will indicate unit is on

Turn Off: Hold 7 for two seconds. A "ByeBye" message appear through eyepiece

Note: Not intended for use in daytime, so user may not see image immediately during daytime

SET TIME: Press and hold 6 to enter TIME SET mode. Press 5 (+ and -) to adjust time. Press 4 to save time setting and press 3 to exit time adjust mode without saving time setting.

AV MODE OUTPUT: Long press 6 once to enter TIME SET mode; Long press 6 second time to enter NTSC/PAL mode; press 5 (+ and -) to select menu, press 4 to saving setting, press 3 to exit without saving setting.

TF CARD FORMAT: Long press 6 once to enter TIME SET mode; Long press 6 second time to enter NTSC/PAL mode. Long press 6 third time to enter the FORMAT mode of TF card, select OK and press 3 to make sure the formatting, all files of TF card has been deleted now.

FOCUSING: Focus 1 (objective lens), then 8 (hand wheel), then 2 (eyepiece)

USING NIGHT VISION:

Press 6 Once and a red light next to the Eye Hole will indicate that infrared is on.

Press 6 Second: IR on + green image

Press 6 Third: IR on + Black & White image

Press 6 Forth to turn IR light off.

8 can adjust the (7 classes) low illumination and contrast. At night, rotate 8 to adjust the low illumination to 4~7 class, the night vision will get a better image.

Press 5 to adjust the magnification from 6 ~ 30X.

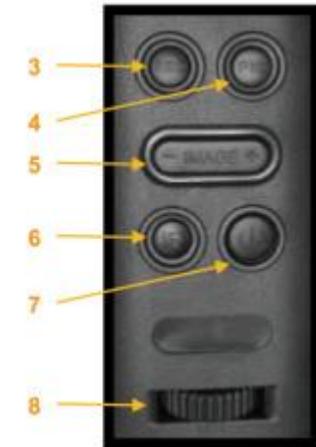
RECORD VIDEO: Press 3 to record video, press 3 again to stop recording video. During recording, press 4 could also take picture.

TAKE PICTURE: Press 4 to take picture, this unit could continuously take pictures.

REVIEW PICTURE/VIDEO ON SD CARD: Press 7 once to enter the mode of picture/video scan, press 7 again to exit, 8 can adjust the picture contrast. In the mode of picture/video scan, press 4 to watch a video file.



1	Rough Focus
2	Finest Focus
3	Record Video
4	Take Picture
5	Zoom
6	Infrared
7	Power
8	Finer Focus
9	Battery Pack



IMPORTANT: If you are powering the camera with batteries, then do not connect the camera to the adaptor. Turn the unit OFF before plugging into adaptor.

--- If you attach the adaptor to the unit while it on and batteries are in the camera, the screen's focus will turn fuzzy. To recover, take the battery out, disconnect from adaptor, and put batteries back in.

LINK MOBILE PHONE: Download the special APP on the Android system mobile phone, the APP name is CONCOM. Install this APP, turn on the night vision, then press 4 and hold three seconds, the WIFI name (SSID) and password (PWA2) will appear on the display. When the night vision WIFI function is turned on, click the CONCOM on mobile phone, then click the "link unit"(连接设备), find the corresponding WIFI and input the password. When the WIFI link is finished, back to the CONCOM APP and click the option "to set"(去设置), then a "√" will appear and then automatically skip. Now users could use mobile phone to operate night vision through WIFI.

NOTE: When the WIFI function is turned on, the unit will have a higher power consumption. At present, if users want to turn on the WIFI function, powering the unit with battery or USB port will be OK. If users powering the unit with the DC electricity, the night vision working might be unstable or unable to turn on WIFI function. So, users should buy some good quality batteries or 5V2A mobile power bank, then users could enjoy the WIFI function.

Model	DMSD01-6-30X-50HD(WIFI)
Magnification (X)	6-30 X
Objective diameter (mm)	50 mm
Field of view(°)	7°
Display specifications	VGA 0.26" (640x480)
Eyepiece diopter (D)	±5
Waterproof	IPX4
Visual range (1/4 moon, IR on)	0.8……410m
Visual range (full moon)	0.8……580m
Infrared (IR) light	805nm / 40mW(America)
IR effective distance	200m
Video pixel	1080P(1920x1080)/60fps
Picture pixel	2MP
WIFI	Android/iOS
USB External WIFI / USB Data Copy	802.11 b/g/n
Sensitivity	0.002LUX
TF card maximum memory	128GB
Battery type (V)	CR123A, 3V 2pcs
Work hour (IR off, 20° C)	3.5 h
Work temperature range (° C)	-10……+ 50° C
DC input	6~9V/2A
Tripod interface	¼"
Video output format	APL/NTSC
Dimensions(LxWxH), mm	195×84×60
Weight (g)	510
Product accessories	Color box, soft bag, shoulder belt, dryer, lens cloth, manual, PE bag, video cable, USB cable, daylight color filter etc.