

# User manual

Product name:4 Channel Wireless 1080p Gateway with SD Card Recording

Model:WG-20W-4-JUN,WG4-2I,WG4-2I-16SD

Brand:NIGHT OWL

## General

A gateway that can work as WNVR but use TF card to record. It can add up to 4 WIFI cameras, and could be remote access by cellphone. It can also work as a switch, to expand wired NVR or wired DVR to add WIFI cameras.



## Features

- Add up to 4 WIFI cameras
- 90 dB Audible alerts Recording to TF Card locally or to WNVR
- Standalone and compatible with WNVR series
- \*IFTTT / Google home / Alexa integration\*

## Add device

Step	Add to Home WIFI	Add to WNVR	Add cameras to Gateway
1	Connect the Ethernet cable from router to gateway	Press reset button for 3 seconds	Press the SYNC button for 3 seconds
2	Open Night Owl connect	Use an Ethernet cable to connect to WNVR and gateway directly	Press the camera reset button for 3 seconds
3	Scan the QR code at the back of the gateway	In NVR Menu, click Match code	Wait until done
4	Input admin password	Press the SYNC button for 3 seconds	
5	Wait until done		

## Spec

<b>GW-4 v1.0</b>	
<b>Basic</b>	
FOB Price USD	\$14
Supplier Name	Juan
Factory Model number	
<b>Components</b>	
Main IC	Hi3518Ev200
WIFI mainchipset	RTL8188EUS
<b>Main function</b>	
Speaker Enabled	Yes
Speaker Output	8Ohm 0.5Watt
Speaker Distance	20ft
Recording	TF card(up to 128GB)
Recording type	Motion / Doorbell / Manual(by app)
<b>Camera Connection</b>	
Connection Type	WIFI IEEE 802.11 b/g/n
Max connected cameras	4
Wireless range	MAX 360ft Line of sight
<b>General</b>	
Weatherproof Rating	N/A
Power Supply	DC5V 1A
Operating Humidity (%)	Humidity 95% or less (non-condensing)
Operating Temperatures (F)	32°F to 122°F
Weight (Product Only)(lbs)	TBC
Dimensions (Product Only) L x W x H (inches)	TBC
Power Consumption Per Camera	≤5W
<b>Network</b>	
Network connection	RJ45 10/100M
WIFI connection (to camera)	IEEE 802.11 b/g/n
Transmission rate	11b: 11Mbps 11g: 54Mbps 11n: 150Mbps maximum
Antenna Gain	1.5 dBi
ONVIF Version	N/A
Protocols:	TCP/IP, UDP, HTTP, DHCP, DNS, NTP, QoS
<b>Dimensions / Weights</b>	
Sell Unit UPC	N/A

Sell Unit Dimensions L x W x H (inches)	N/A
Sell Unit Weight (lbs)	N/A
Master Pack UPC	N/A
Master Pack Size	N/A
Master Pack Dimensions L x W x H (inches)	N/A
Master Pack Weight (lbs)	N/A
<b>Package Contents</b>	
List all contents separately	<ol style="list-style-type: none"> <li>1. 1 x Gateway;</li> <li>2. 1 x DC 5V 1A power adaptor, 9ft power cable;</li> <li>3. 1 x Mounting Hardware;</li> <li>4. 1 x QSG</li> </ol>
Accessories Photos(except for the user manual)	
Ref Photo	

FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.