



To: Digital Watchdog® customers  
Date: January 19, 2018  
Re: VMAX® IP Plus™ and SPOT™  
firmware update

## VMAX® IP Plus™ NVR and Spot™ firmware update

**Applicable models:** 1st and 2nd generation VMAX® IP Plus™ NVRs  
Spot™ monitoring module (DW-HDSPOTMOD)

**New firmware version:** 1.2.5.19

**Previous firmware version:** 1.2.3.9

**Release date:** 01/19/2018

### How to tell what generation NVR you have:

- 1st Generation NVRs will have the current firmware files starting with: hn-62xx, hn-63xx
- 2nd Generation NVRs will have the current firmware files starting with: hn-65xx, hn-66xx

### New firmware notes:

1. Improved camera firmware update function from the NVR's web client.
2. Defined the maximum allowed users on the web client.
3. Changed default reconnect interval time.
4. HD Spot™ Monitor – firmware file updated to keep consistent with other firmware files.

### Details:

1. Improved camera firmware update function from the NVR's web client.
  - Improved camera authentication processing part.

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866.446.3595



sales@dwcc.tv

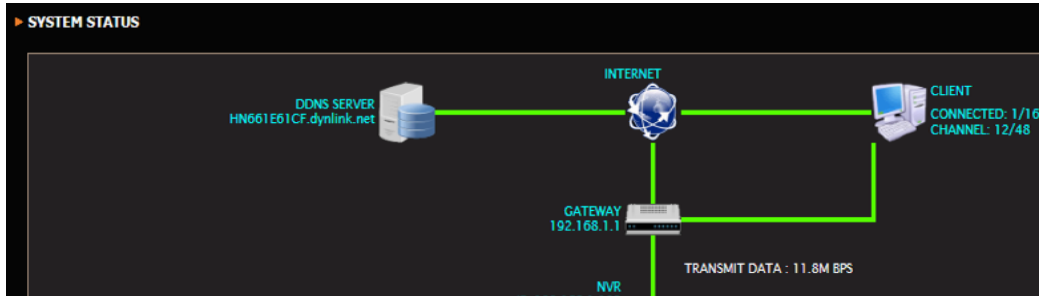


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## 2. Defined the maximum allowed users on the web client.

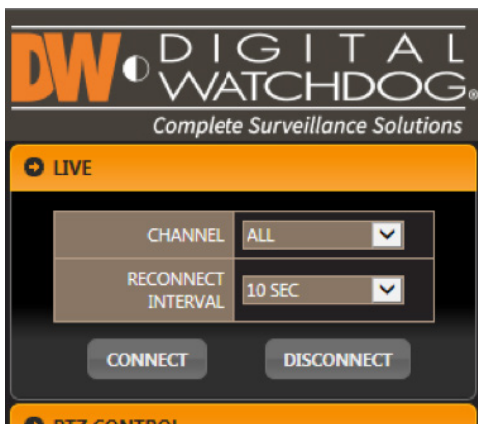
- Supports 48 channels based on the sub stream.



- For 16channel standard, three users can access 48 channels at the same time.
  - When the fourth user connects, “Maximum channel exceeded” will be displayed on the web client.
  - Maximum channel exceeded means reached maximum allowed users.
- For 12channel model - four users can access 48 channels at the same time.
- For 9channel model - five users can access 48 channels at the same time.
  - When the sixth user connects, sixth user can access only three channel only.
  - The others channels will be displayed “Maximum channel exceeded”
- For the main stream, it is processed as four times the sub stream.

## 3. Changed reconnection time from the web client.

- Changed default reconnection time to 10 seconds.



## 4. HD Spot Monitor – Firmware file updated to keep consistent with other firmware files.

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## Firmware download info

### 1st generation NVRs:

[VMAX® IP Plus™ 9 channel 4-PoE](#)

[VMAX® IP Plus™ 12 channel 8-PoE](#)

[VMAX® IP Plus™ 16 channel 8-PoE](#)

[VMAX® IP Plus™ 16 channel 16-PoE](#)

### 2nd generation NVRs:

[VMAX® IP Plus™ 9 channel 4-PoE](#)

[VMAX® IP Plus™ 12 channel 8-PoE](#)

[VMAX® IP Plus™ 16 channel 16-PoE](#)

### Spot monitoring module:

[Spot™ monitoring module](#)

## For more information or technical support

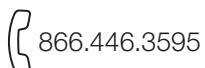
Digital Watchdog technical support

Toll free: 866.446.3595

[digital-watchdog.com/contact-tech-support/](http://digital-watchdog.com/contact-tech-support/)

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