

To: DW® customers  
Date: April 2, 2021  
Re: MEGApix® Flex™ firmware update

## MEGApix® Flex™ firmware update

**Affecting model numbers:** DWC-PVX16W, DWC-PVX16W4, DWC-PVX16W2  
**New firmware version:** S2.2.1\_20210319  
**Current firmware version:** S2.2.1\_20200316  
**Release date:** 3/31/2021

### New firmware notes:

1. Improve connectivity with DW Spectrum® IPVMS.
  - Intermittent connection loss at channels 2-4 due to too many ONVIF requests by the server. Fixed.
2. System hardening for cybersecurity:
  - Passwords must have a minimum of 8 characters with at least 4 combinations of uppercase letters, lowercase letters, numbers and special characters.
  - Passwords cannot contain the user ID.
  - SSH connection is removed.
  - UPnP, DDNS is disabled by default in the camera settings.
  - New Auto-Lock function - The system will lock for five (5) minutes after three (3) failed login attempts. Go to Setup > Security Setup > Auto Lock Configuration to enable.
  - Web connections automatically log out after ten (10) minutes of inactivity.
  - The open-source library database is up to date.
3. Added System configuration import/export function.
  - Users can now download the camera's settings or upload settings from another camera for quick configuration and settings backup. Go to Setup > System > Configuration Backup to export the camera's current settings or upload new settings from a different camera.
4. Added WebRTC protocol. The new protocol replaces the current WEB RTSP stream for non-IE browsers.
5. The ONVIF driver updated to version 20.06.

### Firmware download:

[Click here](#) to download the latest firmware for DWC-PVX16W IP cameras.

### Special instructions/comments:

It is recommended to disable DW Spectrum's optimized device settings.

### For more information

DW Technical Support  
Toll-free: 866.446.3595  
[digital-watchdog.com/contact-tech-support/](http://digital-watchdog.com/contact-tech-support/)