

ULTRAVISION® V3.20R6 RELEASE NOTES

Release date: August 21st, 2026

Build version: v3.20R6

Compatibility

All applications and data files generated in UltraVision 3.2 and above are fully compatible with UltraVision 3.20R6.

Files generated in UltraVision 3.1 and below remain compatible for data visualization.

Equivalency Statement

UltraVision 3.20R6 is the latest upgrade for the UltraVision software for the Classic version. This software release includes support for Cypher instrument and Cypher file handling in UltraVision Classic. Eddyfi's hardware and software development process is performed according to a quality system that is certified ISO 9001-2015.

Since 3.20R6 is the first version to support the Cypher instrument, and no other instruments are supported at this time, no equivalency statement is required.

New Features

- Support Cypher instruments and simulator in UltraVision Classic for remote setup and acquisition workflows
 - Available for the following configurations: **CYPHER-32:128**, **CYPHER-32:128-TFM**, and **CYPHER-64:128-TFM**.
- Support Cypher setup and data files in UltraVision Classic for acquisition and analysis workflows

Known Issues & Remaining Anomalies

- **#3-2301** Setups that mix PAUT and TFM/PWI channel types are not supported with Cypher in UltraVision Classic. Such mixed setups were possible in previous UltraVision versions with legacy instruments, but they are not supported in V3.20R6 where Cypher is the only supported instrument
- **#3-2310** Loading UltraVision setup files that contain both PAUT and TFM/PWI channel types is blocked in V3.20R6 when using Cypher. Cypher setup files and simulator workflows do not support mixed PAUT and TFM/PWI channel types

- **#3-2421** FMC and PWI raw data collection is not available in UltraVision when Cypher is connected
- **#3-2288** Recording and A-Scan Video options are unavailable when Cypher is connected
- **#3-2290** Data Sample Size is fixed to 16 when Cypher is connected
- **#3-2294** FMC/TFM and PWI/TFM channels support a single construction path when Cypher is connected
- **#3-2300** External pin controls in Sequence Controls are unavailable when Cypher is connected
- **#3-937** ACS calibration details may be missing from reports
- **#3-1840** Assisted Analysis import settings may retain values from the previously loaded file
- **#3-933** Errors may occur in C-Scans of soft gates homed on hard gates in sectorial channels
- **#3-1271** Opening some large data files may cause high memory use and application freeze
- **#3-687** Soft C-Scan processing may not complete after a gate reset sequence
- **#3-1026** Issues remain when editing and saving asymmetric plate butt welds (V and J)
- **#30257** Generate Specimen Surface and Thickness feature is not working
- **#31318** Remove any license key from the PC when installing a new version of UltraVision
- **#31737** Minor compatibility issues remain with modified V and J welds created in UV 3.12R22 and later when loaded in previous versions
- **#3-1866** Capture/Acquire data files opened in UltraVision may have some compatibility limitations

Additional Notes

- A **valid UltraVision license** is required to use **Cypher** with UltraVision. Connecting Cypher hardware does not replace or bypass the UltraVision licensing requirement.
- This UltraVision Classic release supports Cypher workflows only and no longer supports previous legacy instruments (ex-Zetec and Panther) and interfaces
- UltraVision Touch is not available in this version
- When installing the new version of UltraVision on PC, make sure that no license key is connected to the PC.

Installing UltraVision

To install UltraVision V3.20R6 on PC:

- Make sure no license key is connected to the PC before starting the installation
- Run the UltraVision installer and complete the installation process
- On **Windows 11 26H1 and later**,
 - if .NET Framework 3.5 is missing, UltraVision detects that the HASP USB service cannot be loaded and shows a warning message
 - The warning explains that .NET 3.5 is required for HASP USB licensing, that users who need HASP must install .NET 3.5 manually, and that users with another license type may continue with HASP disabled
 - If the user selects **Yes / Continue**, HASP is disabled and UltraVision continues launching
 - If the user selects **No / Cancel**, UltraVision closes

- If installation or startup issues occur, verify that the required .NET components are installed before retrying

Optimal System Requirements

- **Operating System:** Windows 10 (or 11) Pro (64 bits edition)
- **Processor:** Quad-core i7 4.0 GHz or better (Intel processor mandatory)
- **Memory:** 64 GB RAM
- **Network Interface:** 10 Gbit Dual port Ethernet card with SFP+ Connector's
- **Graphics Card:** High performance (Nvidia® RTX® 4000 series, 24G)
- **Storage Drive:** High performance SSD (Solid State Drive) 1 TB (ex.: M.2 2280 PCIe Gen4 TLC)

Recommended System Requirements

- **Operating System:** Windows 10 (or 11) Pro (64 bits edition)
- **Processor:** Quad-core i7 3.6 GHz processor or better (Intel processor mandatory)
- **Memory:** Minimum of 16 GB RAM
- **Network Interface:** High-speed (1 Gb/s) Ethernet link
- **Graphics Card:** High performance graphics card (Nvidia® Quadro® M2000M w/4GB GDDR5) (For Panther: Nvidia® RTX® 3000 series or better)
- **Storage Drive:** High performance SSD (Solid State Drive) 256 GB or bigger

For any questions, remarks, or support needs, please contact us at support@eddyfi.com