

## Sidewinder™/FVAm 2.2.1998.3457 – June 2021

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### What's New

- Added Sidewinder support for FCPT-IP9A-P and FCPT-IP9A-R ribbon tips with FCPP-OLA-3 optical assembly.

## Sidewinder™/FVAm 2.2.1992.3425 – March 2021

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### What's New

- Newly built instruments will ship with 3 additional optical settings installed:
  - FCPT-LC
  - FCPT-QODC2-P
  - FCPT-QODC2-S
- Note: For Sidewinder microscopes already in the field, users can connect their microscope to FiberChekPRO™ software version 2.3.2 (or later) to install these optical settings.

### What's Fixed

- Improved focus quality accuracy when using simplex tips with dynamic sizing.
- Fixed an issue where an incorrect focus value could be shown for an inspected simplex fiber.

## Sidewinder™/FVAm 2.2.1982.3400 – August 2020

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### What's New

- Analysis has been sped up significantly, with 5-second improvement typical
- Added support for FCPT-LC simplex tip

### What's Changed

- Enhanced contrast in Optical Settings on FVAm to improve particle detection
- SR4 Connectors have been renamed to SR4 (4-0-4)
- “Tip” is now “Optical Setting” in the fiber info popup

## What's Fixed

- Fixed issue where particles were sometimes incorrectly labeled and colored in the inspection overlays
- Fixed issue with MPO inspection where particles outside the cladding were sometimes being analyzed
- Fixed issue where a single-mode fiber core could be falsely marked as a pit
- Made improvements to non-125 µm fiber analysis
- Miscellaneous bug fixes and reliability improvements

## Sidewinder™/FVAm 2.1.1921.3347 – August 2019

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### What's New

- Supports broader range of connector definitions, including MPO with gaps
- Enhanced circle finding and edge particle detection
- Added simplex support for FVAm
- Added blinking LED indicator during test for FVAm

### What's Fixed

- Numerous bug fixes and reliability improvements

## Sidewinder™/FVAm 2.0.1814.3236 – May 2019

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### What's New

- Added support for the FVAm Series Benchtop Microscopes. No change for Sidewinder.

## Sidewinder™ 2.0.1776.3236 – November 2018

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### What's New

- Greatly reduced MPO analysis time.
- Added support for System Reset. This is the System Reset threshold version for Sidewinder. For more information on System Reset, see [System Reset & Firmware Update.pdf](#).
- New languages packs – added German, Spanish, French, Italian, Japanese, Korean, Portuguese, Russian, Vietnamese and Chinese.

- Ability to reduce firmware update time by selecting a subset of supported language packs to load onto the device.
- Ability to cancel a running analysis by pressing and holding the trigger button.
- Improved autofocus accuracy, especially for 2-row MPO connectors.
- Autofocus will now trigger from an inspected view if 'Autofocus on Insert' is turned on.
- Added icons to indicate USB and WiFi status at the top of the live view screen.
- Press and hold the trigger button to go live from the inspected state. This prevents accidentally discarding the last test result.

## What's Fixed

- Numerous bug fixes and reliability improvements

# Sidewinder™ 1.3.1641.3169 – August 2018

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## What's New

- MM Bright Core Particle Detection Enhanced
- Scratch Detection Enabled
  - Includes support for Colorblind Mode
- Assisted Manual Focus
  - When near peak focus, the resolution of the joystick is scaled for fine control
- Menu Updates
  - Removed Autocenter Menu Option
  - Removed Date Format Menu
    - When reports are imported on a PC, the Windows date format on that machine will be used
  - Added Key Up/Key Down menu for tip alignment
- Auto Lighting Mode beta is available
  - Dynamically adjusts lighting to optimize for current DUT
  - Will disable itself as soon as a host connects
  - Intended to be for standalone operation only
- Device/host pairs should be less likely to erroneously time out
- A double row fiber (or single row) that is out of center should now result in an inspection error
- 8x2 [24] Connector definition added

## What's Fixed

- Numerous bug fixes and reliability improvements

## Sidewinder™ 1.3.1557.3142 – June 2018

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### What's New

- Support for the new FCPT-MTPA-L long reach ribbon tip
- Ability to perform a pan motor calibration (Menu -> System Settings -> Panmotor Calibration)
- Improved fiber finding accuracy
- Improved startup time
- Added USB connect mode setting (Menu -> System Settings -> USB Connect Mode). This can be used to change the USB speed when there are USB connection issues.
- Added Giteki Cert to the System Info screen for Japan compliance
- Changed connector names from MTP to MPO (see table above)
- INSPECT OUTSIDE ZONES menu removed
- Improved image stability in the Optical Setting editor

### What's Fixed

- Numerous bug fixes and reliability improvement

## Sidewinder™ 1.3.1490.3108 – March 2018

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### What's New

- Ability to rotate the screen UI. (Menu->System Settings->Screen Orientation)
- Added menu icon to upper-left of live view.
- Reorganized menu structure for better usability.
- Improved fiber finding accuracy.
- Improved user experience for on-board optical setting editor.
- Support for connectors with unpopulated fibers (SR4/SR10).
- New message to help guide users through switching between ribbon and simplex fiber kinds.
- Moving the joystick now clears error messages.
- Doubled the results storage capacity.

### What's Fixed

- Numerous bug fixes and reliability improvement

## Sidewinder™ 1.3.1382.3073 – January 2018

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*Initial Release*