AvaSpec Multi-Channel Spectrometer

Do you need more precise measurements over a broad range? Or multiple measurements at the same moment for process control? AvaSpec multi-channel spectrometers fulfill your every need. You can select from our range of spectrometer detectors, choose different slits or gratings: anything is possible.

Two enclosure options are available: the 9" desktop housing for up to 4 channels and the 19" rack-mountable which holds a maximum of 10 spectrometers. For our USB2 version all channels are connected to the computer through a single USB2-cable.

For the EVO series a USB3 and a Ethernet version is available.
The Ethernet version (ETH) supports standard 4 channels. With the additional hub installed, it can handle up to 10 channels.

Benefits:
- Combine up to 10 channels in one enclosure
- Any channel fully configurable to your needs
- Different integration times and averaging settings possible for each channel
- Ideal for process control

AVS-RACKMOUNT

Technical Data

Housing	Desktop	Rack-mount
Max nr. Channels	4	10 (UV/VIS)
Dimensions	315 x 235 x 135 mm (d x w x h)	315 x 445 x 135 mm

Ordering Information

AVS-DESKTOP-USB2	• Desktop for USB2 platform multichannel AvaSpec, incl. channel synchronization, USB2-hub and 100-240VAC power supply, supports max. 4 Rack-mount spectrometer units.
AVS-RACKMOUNT-USB2	• 19" Rack-mount for USB2 platform multichannel AvaSpec, incl. channel synchronization, USB2-hub and 100-240VAC power supply, supports max. 10 Rack-mount spectrometer units.
AvaSpec-DDDD-USB2-RM	• Rack-mount Unit USB2 Fiber-optic Spectrometer, self powered high-speed USB2 interface, incl. AvaSoft-Basic software, USB cable and sync cable, specify detector type DDDD (ULS2048/ULS3648/ULS2048L/ULS2048XL/NIR256/512), grating, wavelength range and options. Desktop/Rack-mount needs to be ordered separately
AVS-DESKTOP-USB3	• Desktop for USB3 platform multichannel AvaSpec-EVO, incl. channel synchronization, USB3-hub and 100-240VAC power supply, supports max. 4 Rack-mount spectrometer units.
AVS-DESKTOP-ETH	• Desktop for ETH platform multichannel AvaSpec-EVO, incl. channel synchronization, ETH-hub and 100-240VAC power supply, supports max. 4 Rack-mount spectrometer units.
AVS-RACKMOUNT-EVO-USB3	• 19" Rackmount for USB3 platform multichannel AvaSpec-EVO, including channel synchronization, USB3-hub, one DB26-IO connector and 100-240VAC power supply, supports max 10 rackmount unit spectrometer channels.
AVS-RACKMOUNT-EVO-ETH	• 19" Rackmount for ETH platform multichannel, including channel synchronization, 4 channel ETH-hub, one DB26-IO connector and 100-240VAC power supply, supports max. 10 rackmount unit spectrometer channels (needs AVS-RM-ADDON-5-10ETH).
AVS-RM-ADDON-5-10ETH	• Extra Industrial Hub for extension of AVS-RACKMOUNT-EVO-ETH to 5-10 channels
AvaSpec-EEEE-EVO-RM	• Rack-mount EVO Fiber-optic Spectrometer, incl. AvaSoft-Basic software, USB cable and sync cable, specify detector type EEEE (ULS2048CL/ULS4096CL/ULS2048L/ULS2048XL/NIR256/512), grating, wavelength range and options. Desktop/Rack-mount needs to be ordered separately

Synchronize all channels easily with internal sync cables

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