

## Transforming School Biology Education Through **5499 AV70 Adeltavision** Digital Microscopes



Enhancing student learning in School Biology with economical High Performance Adeltavision USB 2 Digital Compound Microscopes for live imaging, snapshots, image capture, video footage & live interactive learning between students & teacher.

### Fostering Student Learning in School Biology Science Labs in a 1:1 Digital Microscope Computing Environment

#### 21<sup>ST</sup> Century Skills for Teachers and Students

The demands of students today are different from what they used to be. For students to compete and succeed in today's knowledge economy they need 21<sup>st</sup> century skills. The foundation of the Adeltavision USB 2 Digital Compound Microscopes is the development of 21<sup>st</sup> century skills critical to the effective integration of technology in schools; skills such as digital literacy, critical thinking, interactive learning through live digital microscopy, and collaboration.

Teaching one-to-one (1:1) with Adeltavision USB 2 Digital Compound Microscopes enhances Biology teaching and learning with 21<sup>st</sup> century skills. It allows teachers to better adapt to individual learning styles, motivate and engage students, cultivate individual learners, and provide students with highest teaching standards in biology school science labs & preparing them well for the higher level courses in various disciplines of Biology.

ISO 9001:2008 & 14001:2004 Certified Manufacturing Unit:

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- ▶ Cultivate interest for students in Biology by using latest technology incorporating 21<sup>st</sup> century skills.
- ▶ Make them feel they work like scientists.
- ▶ Improve the Corporate Outlook of the school to the higher teaching standards with State of the art 21<sup>st</sup> century Biology Science Labs equipped with Adeltavision Digital Compound Microscopes for every student for 1:1 digital microscopy computing environment.
- ▶ Increases interest in Biology & thus the strength of Biology adapting students in K12 classes.