



**AbleCenter®**  
**AC-02 and AC-03**

Information for  
the Educational  
facility



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AbleCon.no  
- enable you!

Dear teachers/lecturers and pupils,  
You receive this letter because your child and/or a class mate of your child, has been given the opportunity to use a wireless ceiling-mounted reading-tv for pupils with different forms of vision impairment (AbleCenter® AC-02 or AC-03). These are tools that ensure that pupils different forms of vision impairment can participate in the education process as much as possible, on equal terms with their co-pupils.

We prioritise universal accessibility, privacy and security highly, and want to give you information in this information sheet about AbleCenter® AC-02 and AC-03 and what usage of this tool entails.

## **AbleCenter® AC-02 and AC-03**

is a wireless ceiling-mounted reading-tv for pupils with different forms of vision impairment



Pupils with different forms of vision impairment have the right for zoomable camera systems through NAV social security. They use camera systems with zoom features so that they can, as much as possible, be able to see things and read text that pupils with normal vision can see and read with no problems from all positions in the classroom. Whereas some reading-tv systems are mounted on the desk, AbleCenter® is ceiling-mounted, other than that the differences are not so great.

### **AbleCenter® AC-02 and AC-03.**

This is a wireless reading-tv with live and vibration-free closeup and distance images from a ceiling-mounted HD high-resolution camera. Live images from, for instance, a blackboard or a desk are shown by the same camera. AbleCenter® AC-02 and AC-03 has all zoom features, can quickly change position and save 9 camera angles with level of zoom. It can invert the image, change to black/white high contrast image, artificial colour combinations, rotate the image, split the image, change contrast and light. The equipment is controlled wirelessly directly from a PC/tablet, where all features are controlled via a touch screen. All transmission of live images to PC/tablet is done through a wireless link. Consequently, all the equipment needed at the desk/work place is a regular PC or tablet. AbleCenter® AC-03 comes with AbleGrabber™. This is a module for wireless transmission of all information presented via projector, for instance video, text, etc. AbleCenter® AC-02 and AC-03 also contains a module for OCR feature with reading of text in several languages.



**AbleCenter® AC-02 and AC-03 has no video recording function.**

Indicator lamps in AbleCenter® AC-03 show when the equipment is in use.

The camera in AbleCenter® AC-02 and AC-03 transmits a «real-time» image, so that pupils with different forms of vision impairment ideally can see the same as their class mates. In the same way that microphone and teleloop offers opportunities for the hearing impaired, AbleCenter® AC-02 and AC-03 offers a similar tool for people with different forms of vision impairment.

AbleCenter® AC-02 and AC-03 can be compared to a pair of binoculars that offer the chance for a person with different forms of vision impairment to see required positions in the classroom to take part in the education process on equal terms with other pupils and, to a certain extent participate in the social life in class.

A classroom equipped with AbleCenter® AC-02 and AC-03 is considered adapted for pupils with different forms of vision impairment.

Both educational facility and educators can feel safe that security and privacy are safeguarded when using the system.

**Security and privacy**

We have developed camera systems for pupils with different forms of vision impairment for many years and over time put more emphasis on ensuring privacy and security for educators, pupils and parents.

Here are some of the embedded privacy measures in the software. If you want to know more about privacy and security with AbleCenter® AC-02 and AC-03, see more information at our web page [www.ablecenter.no/personvern](http://www.ablecenter.no/personvern).

**We simplify and enable the pupil's right for education!**

If you want more information about AbleCenter® AC-02 or AC-03, you are welcome to contact:

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**EMBEDDED PRIVACY**

In order to safeguard the privacy of users and others, and to ensure that the video feed is as secure as possible, we have implemented a number of security measures. Some examples of this:

- The system can be switched off and on through a remote controle.
- End-to-end encryption of video feed.
- Possible to save up to 9 fixed positions/camera angles and zoom levels.
- Possible to lock the camera to 9 fixed positions (educational objectives).
- Possible with wire connected communication and control via the electrical grid.
- The system can be limited to only one active user at a time.
- Password protected login for AbleCenter software.
- Password protected login for wireless network.
- Possibility to record video feed is deactivated as standard (can be activated when needed).
- «Take picture» function active as standard. Can be deactivated by the educator/administrator.



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