



Videostream with
camera control between
home and school



AbleCenter® AC-03 - with home control module

Information sheet for the
educational facility.



Updated 23.10.2023

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- enable you!

Dear parents,

You receive this letter because your pupil/student and/or a class mate of your pupil/student, has been given the opportunity to use a wireless ceiling-mounted reading-tv for pupils with different forms of vision impairment with an additional module that enables the school to use the system for remote education for home based pupils.

(AbleCenter® AC-03 with home control module).

This is to ensure that these pupils/students can take part in the education process as far as possible on equal terms with their classmates, from a home base situation.

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

AbleCenter® AC-03 with home control module

is a wireless ceiling-mounted reading-tv for different forms of vision impairment, with an extra module that enables the school to use the system for remote education for home-based pupils with or without visual impairment.

Videostream with camera control between home and school



Pupils/students with different forms of vision impairment have the right for zoomable camera systems through NAV social security. This is due to severely reduced vision. They use cameras 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 without problems from all positions in the classroom. Some reading-tv systems have close-up and remote cameras mounted on the desk, AbleCenter® has a ceiling-mounted camera and is wireless, other than that the differences are not so great.

AbleCenter® AC-03

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



AbleCenter® AC-03 has no video recording function and indicator lamps clearly show when the system is in use. The camera in this system transmits a «real-time» image so that pupils with different forms of vision impairment can see the same as their classmates, at the same time. In the same way a microphone and teleloop offers opportunities for hearing impaired, AbleCenter® AC-03 is a similar tool for people with different forms of vision impairment.

AbleCenter® AC-03 with home control module

The home control module enables the system to be used as a tool that gives the educator opportunities to transmit «the entire classroom» and everything that is shown electronically on a smart board to home-based pupils.

Everything is transmitted live from the lecture and materials shown on the projector directly and simply, controlled from home situation through PC or tablet.

Home-based pupils with or without vision impairment can, through given permissions from the educator/administrator, take part in the education process in a live way where one can control a wireless, ceiling-mounted PTZ camera in all

angles, 360° horizontally and 180° vertically. Home-based pupils can OCR treat text which is shown and save it as text files on their own device.

Security and privacy

We have developed camera systems for people 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 features in the software. If you want to know more about privacy and security with AbleCenter® AC-03 with home control module, see more information on our web page www.ablecenter.no/privacy.

We simplify and enable home-based and classroom-based pupils' right for education!

If you want more information about AbleCenter® AC-03 with remote education module, you are welcome to contact:

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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 the software on the PC or tablet.
- 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.
- The administrator&educator can open and limit features for home-based users.
- Password protected login for AbleCenter software.
- Password protected login for wireless network.
- Possibility to record video feed is deactivated as standard (can be activated if needed).
- «Take picture» function active as standard. Can be deactivated by the educator/administrator.



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