AMBIENT
ACTIVITY

Internet Connection → ← Power Outlet

Cord Cover →

Pet the cat

Turn the wheel

Push the Button
Pictures

Radio   TV

Flip the switch

110cm
43-1/4"

80cm
31-1/2"

31.5cm
12-1/2"

11.5cm
4-1/2"

20cm
8"

70cm
27-1/2"

ABBY
Install Dimensions

ABBY™

MEANINGFUL ENGAGEMENT

INSTALLING ABBY IN YOUR FACILITY.

POWER
ABBY requires a standard 110v power supply. Ideally, power, and hard-wired internet connection to ABBY is provided from above the unit at a height out of reach from residents (shown in the diagram). Additionally, having the power outlet energized by a wall switch not obvious but in the vicinity of the ABBY install helps with managing ABBY in the environment.

ABBY Kiosk Application Software, INTERNET Connection, and SECURITY.
The ABBY Kiosk application is proprietary software we have developed that runs on Windows Operating Systems. Windows10 is the OS currently installed onto the ABBY Kiosk platform. The application is configured to receive and install system and security updates automatically.

Connection to the internet is not necessary for ABBY to function but is advisable. The ABBY Kiosk application is self-contained and does not require access to remote content. Everything necessary for the system to be fully functional is installed locally. ABBY comes preloaded with a selection of factory media content.

ABBY can be a highly effective, convenient, and enjoyable activation tool for care-providers and residents. For ABBY to function reliably, and to benefit from all the functionality that ABBY can provide, a reliable connection to the internet is required and highly recommended. Internet connectivity allows us to update and keep secure our ABBY Kiosk application, and to provide basic remote technical support in the event of Windows and ABBY software concerns.

We cannot provide support if your ABBY Kiosk is not connected to the internet. Internet connectivity provides optional features such as allowing your ABBY Kiosk manager(s) to personalize and enhance 'your community profile', which is a curated collection of familiar pictures and video of your care-community at large. As well, family members can upload and manage familiar and favorite pictures, video, and song selections (media content) for their Resident to interact with.

It is not necessary that ABBY be connected or have access to a facility network. A dedicated hardwired internet connection is preferred as this type of internet connection is typically most reliable and secure. ABBY is WIFI capable should an ethernet connection not be available.

PRIVATE DATA
The personally identifiable information (PII) required is limited to a resident's first name and their language preference. An image avatar of the individual can be provided by family members to help provide orientation to a person living with dementia. No protected Health Information (PHI) is collected.

Should family members choose an option to create a personal profile (memory albums) for their resident to access on the ABBY Kiosk, family members will select and upload photo images, video, and song selections meaningful to the resident on our AMBIENT ACCESS website portal. By providing media content, family members are consenting to having this media displayed on the ABBY Kiosk that the resident interacts with. This memory album content is stored both locally on the ABBY kiosk and in the cloud.

INTERNET SECURITY

Windows 10 is configured to download and install operating system updates when connected to the internet for the latest security patches from the Microsoft support center to ensure continuous protection. We use Microsoft Windows Defender to protect our systems from viruses, malware, and spyware. It is important to note that we do not solely rely on automatic updates, and we routinely inspect our systems manually to make sure that systems have received, installed, and are running the most current versions of operating system and security patches. We use TeamViewer, a remote desktop access application, widely known, secure and well respected in the IT industry for remote control, maintenance, and support.

CHOOSING A LOCATION

ABBY is not meant to be portable inside the facility. ABBY is AMBIENT TECHNOLOGY, intended to reduce caregiver burden by conditioning Residents to become familiar with the ABBY destination on their own accord.
We want Residents to feel engaged with their environment by providing social spaces that facilitate opportunities for spontaneous interaction, engagement, and socialization. In this context, ABBY is ideally mounted onto a wall in common space, large enough to accommodate social interactions and visitations, easily accessible, and observable by staff and family members.

We want to condition Residents to become familiar with the ABBY destination. ABBY is fashioned to look recognizable - familiar and nostalgic. A Resident may discover ABBY in the environment and engage with ABBY on their own accord. Residents may not be capable of self-initiation at first and therefore caregivers may need to help the Resident with hand over hand assistance, helping stimulate memory through movement. 'Priming' may be required several times until a Resident is conditioned to initiate engagement on their own.

INSTALLATION DETAILS

ABBY is mounted onto an 'Offset Wall-Mount Frame', supplied with the ABBY Kiosk. The offset wall-mount frame is affixed to the wall first, and the ABBY Kiosk is then attached to the frame, which allows the ABBY Kiosk to sit 4.5in (11.5cm) proud from the wall, and typically over handrails. We recommend that ABBY be positioned 70cm (27.5") from floor height to the bottom of the ABBY front panel, placing ABBY at a height accessible to most residents who are ambulatory or in a wheelchair.

The ABBY Kiosk weighs 71.5lbs (32.4kgs). The combined weight of ABBY and the offset wall mount frame is 85.5lbs. Wall mounting hardware is supplied for most types of wall construction. Installation instructions are provided, and installation can be performed readily by your facility service technician(s). We provide installation if required and requested. Please ask for installation to be included when obtaining a quote.

For help and support, please contact us at support@ambientactivity.com, or call 1.800.563.7740

INFECTIOUS CONTROL CLEANING INFORMATION

AMBIENT ACTIVITY'S PRODUCTS ARE DESIGNED TO BE EASILY CLEANED AND DISINFECTED.
Surfaces are easily accessible to disinfectant cleaning products.

- No accessible small pieces or loose parts.
- Seamless surfaces.

Ambient Activity's coatings are an industrial two component urethane to withstand the constant cleaning of hospital grade disinfectant solutions used in healthcare environments.
See 'Cleaning'

Ambient Activity's coatings contain the antimicrobial treatment Isothiazolinone (2-N-Octyl-4-isothiazolin-3-one), an antibacterial and antifungal additive that reduces the spread of microbial organisms that would otherwise live on the surface of products.

CLEANING and DISINFECTING
Cleaning and disinfecting Ambient Activity's products should be done regularly, as required by frequency of use, and included in the facility's cleaning routine.

Disinfectant cleaning solutions should be used on a regular, and as needed basis, to remove and reduce the spread of microbes from product surfaces. Disinfectant cleaners are one-step cleaning and disinfecting solutions used in health care and food processing facilities, homes, schools, offices, hospitals, and retail facilities. The primary disinfectant is usually either a Quat (quaternary ammonium compound), or hydrogen peroxide. These products are either concentrates that require dilution, or ready to use.

Suitable disinfectant cleaning solutions tested on Ambient Activities coatings include;

- Clorox HP disinfecting wipes
- Virox HP disinfecting wipes
- AIRX44 disinfecting cleaning solution
- Oxivir Plus cleaning solution
- Perdium cleaning solution
- A solution of 7-parts water to 1-part bleach solution may also be used to disinfect product surfaces.

Do not use a 100% bleach solution directly from the container to wash or disinfect. Do not use abrasive cleaners.

Do not use boiling water or steam.

ABBY - FAUX FUR

The fake fur on the cat is 'Faux Fur', produced from various blends of non-organic materials, primarily acrylic and modacrylic polymers. Modacrylics polymers are soft, strong, resilient and dimensionally stable. They have outstanding resistance to chemicals and solvents, are nonallergenic, and are flame retardant and do not combust.

As a non-organic material, faux fur does not provide a medium for microbial growth and migration. Cleaning and disinfecting of faux fur should be part of a normal and on-going cleaning routine, and can be accomplished by applying (wetting) a clean cotton rag with an AHP disinfectant cleaning solution, such as Oxivir Plus, or Perdium, and moderately wiping the fur with the wetted rag. Other examples of disinfectant cleaning solutions tested and suitable to use on the Faux Fur include:

- Clorox HP Disinfectant wipes
- Virox HP disinfecting wipes
- AIRX44 disinfecting cleaning solution
- Oxivir Plus cleaning solution
- Perdium cleaning solution

SAFE … AND SAFETY TESTED

Ambient Activity's products are safety tested to comply with the relevant regulations for the jurisdiction in which they will be used. Generally, jurisdictions (countries) will provide product safety guidelines that provide requirements for public use. Amongst other concerns, these regulations will provide standards for head and neck entrapments, finger entrapments, tip over and balance issues, torque and tension issues, small parts, sharp points, edges and protrusions, as well as toxicity (heavy metals) and flammability concerns.