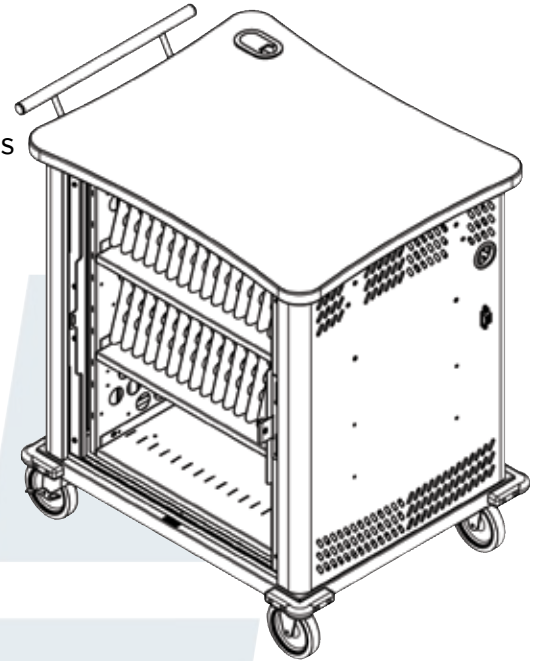# QwikLink Cart™
Specifications

INTRODUCTION/DESCRIPTION

Designed for schools, government, training facilities and corporate environments, the QwikLink Cart™ provides a safe and easy way to store, transport, charge and sync iPads (select models). Personal computer devices such as the Nook, Kindle, eReaders and many other personal devices that charge through a USB connection can also be charged and synced as long as the syncing computer has compatible syncing software for the devices. Those using wireless environments to transfer data will only need the ICC.

The ICC will provide USB charging only, while the ICLC provides USB charging and sync capabilities. Multiple models have been designed to accommodate up to 16 or 32 devices. The capacity can be increased in the field on the 16 unit to make a 32 unit as classroom requirements expand. (XL models only) **XL models are designed to accommodate tablets with larger cases.**

CONSTRUCTION

ICC Cart & ICLC Cart Body
- Venting design on side and rear panels allow for natural convective airflow to aid in cooling when doors are closed and lateral airflow when doors are open.
- Includes (2) 5" swivel foot brake casters and (2) 5" rigid casters to provide easy maneuverability throughout a building.
- A three point lock on the rear door limits access to the electrical components and cables so IT configurations remain secure.
- The cord winders (located on the handle) and grommets (1-3/4" in diameter) allow neat and organized cord management when moving the cart. One handle is included with each cart and each side panel features a grommet. Additional handles are available for purchase.
- 100% of all painted steel components are powder coated finish; powder coating is the most environmentally safe coating method available today.

Dividers
The XL model incorporates a unique Power Management Divider (PMD) which:
- Is constructed of a single piece of 20-gauge steel and is removable to facilitate the storage of other devices when tablet slots are not being used.
- Incorporates a design conducive to airflow and assists with the dispersing of heat from the power supply and tablets.
- Provides a cord management solution by wrapping the tablet power supply cords around the dividers to keep them neat an organized.
- **Compartments measure 1-1/4"W x 11-1/4"H x 11-3/8"D**

Power Cables
- ICC cart models - USB cables must be supplied and installed by the end user.
- ICLC cart models - iPad charge and sync cables are included and installed (2 versions available: one for iPad models 1, 2 & 3 and one for model 4 & mini).

Laminate Top

- Durable 1-1/8" laminated wood top with T-Molding allows for use of printers, projectors, laptops and other equipment on top of the cart.
- Provides a smooth, working and writable surface, unobstructed by handles or metal lip.
- Optional Pop-Up Power Center with two power outlets is available to power a laptop on top of the cart.

Charging and Syncing System Operation

- Power is sequentially supplied to each device to provide a simultaneous charging after sequencing that supplies a nominal 2.1A +5V DC to each device. Power on sequencing consists of turning on each device one at a time, to prevent a current overload when the charge mode is set, or to prevent a syncing computer USB port jam when the sync mode is set.

Sync to Charge Changeover

- The ICLC charge and sync board has a built in feature that will automatically switch the cart back to charge mode after it has sat in non-active sync mode for four hours.
- This feature ensures that if a staff member is distracted and forgets to turn the cart back to charge mode, they will not return to school the following day to a cart full of uncharged tablets.

Redundant Overload Protection

- Overload Protection monitors each device for a current overload condition which occurs when the overload current limit is reached.
  - If the overload occurs when the initial charging is turned on, the Overload Protection shuts down the over loaded iPad/Device and will attempt to reset the charging every 30 seconds after all iPad/Devices have begun charging.
  - If an overload occurs during charging, charging is turned off to all iPad/Devices and the charging sequence is restarted to locate the overloaded iPad/Device as described in the previous paragraph.
- Should the overload protection fail to remove the faulted current overload, the system microprocessor will reset the power charging system in an attempt to remove the fault.
- When connecting a laptop to the USB 2.0 port located in the side panel, the ICLC will automatically switch from charging mode to sync mode. When the syncing mode is started, each device is done sequentially in order to avoid USB bus overload.
- The ICLC is switched back to charge mode by unplugging the USB cable from the port on the side panel.
- If the USB cable is not unplugged from the port, the ICLC switches back to charging mode four hours after the data sync mode is activated. To restart sync mode, the syncing computer USB must be disconnected and reconnected to the ICLC.
- iPads sync with iTunes, see iPad manual for instructions to configure iPads,
- The ICC does not have syncing capabilities.
- Devices are connected to the ICC by using the customer supplied and installed USB cables.
- Devices are connected to the ICLC by using the iPad USB cables supplied with the cart.
- The ICC CART and the ICLC CART operate from one power cord.

Technical Specifications

- Maximum AC draw:
  - 16 iPads: 4A
  - 32 iPads: 8A
  - *Note –- Additional Peripheral devices will increase amount of current draw per cart.
  - Each iPad will receive 2.1A +5V DC power. (Current level determined by each iPad)

Power Models	Power & Sync Models
CSC-ICC16XLUL	CSC-ICLC16XLUL (generation 1, 2 & 3)
CSC-ICC32XLUL	CSC-ICLC32XL (generation 1, 2 & 3)
	CSC-ICLC16XLUL4 (generation 4 & mini)
	CSC-ICLC32XLUL4 (generation 4 & mini)

Tambour Door (standard)
- The front of the cart is secured by a tambour door, constructed of 30mm wide and 12-1/2mm thick blue tint translucent grade PVC slats, allowing for visual inventory of items.
- Secured by 16-gauge black steel handles and reinforced lock hasp. Padlock not included.
- Retractable design requires smaller footprint to open and provides easier access to stored tablets than hinged doors.

Metal Hinged Doors (optional)
- 20 gauge steel construction creates solid steel cabinet.
- Includes electronic lock.

Handle Assembly
- Handle location on side of cart provides unobstructed work area on top of cart.
- The lower portion of the handle assembly and the handle are used as cord wraps.
- Handle can be mounted on either side panel. A second handle option is available for field installation.

IT Access Panel
- Fully removable IT access panel is located on rear of cart.
- Secured via 3-point key lock.
- Provides protection for electrical components.

Dimensions
- Exterior Dimensions excluding handle: 30-3/8"W x 26-1/4"D x 37-3/16"H
- Exterior Dimensions including (1) handle: 35-1/8"W x 26-1/4"D x 37-3/16"H

Expansion Kits
- 16 capacity kit to convert cart from 16 capacity to 32 capacity.
- Only compatible with XL model carts
- Field install only
- CSC-ICCEXP 16 capacity field install expansion kit for charge only models
- CSC-ICLCEXP 16 capacity field install expansion kit for charge/sync models (iPad 1, 2 & 3)
- CSC-ICLCEXP4 16 capacity field install expansion kit for charge/sync models (iPad 4 & mini)

LED Kit
- Available for both charge only and charge/sync carts.
- One kit needed per set of 16 tablets.
- Indicator lights for charging and syncing modes.
- Available as factory or field installation **(on models manufactured after May 1, 2013)**
- CSC-QLLED16 16 capacity LED indicator system, factory install
- CSC-QLLED16KIT 16 capacity LED indicator system kit, field install

SHIPPING AND HANDLING

Carts

	Product Weights	Shipping Weights
CSC-ICC16XLUL	145 lbs	175 lbs
CSC-ICC32XLUL	155 lbs	185 lbs
CSC-ICLC16XLUL	150 lbs	180 lbs
CSC-ICLC32XLUL	160 lbs	190 lbs
CSC-ICLC16XLUL4	150 lbs	180 lbs
CSC-ICLC32XLUL4	160 lbs	190 lbs

Components

	Product Weights	Shipping Weights
CSC-ICCEXP	20 lbs	25 lbs
CSC-ICLCEXP	25 lbs	30 lbs
CSC-ICLCEXP4	25 lbs	30 lbs
CSC-QLLED16	1 lbs	2 lbs
CSC-QLLED16KIT	1 lbs	2 lbs

Estimated skid size on all carts: 32"D x 36"W x 44"H

Freight Class
- All carts ship Freight Class 70 with Intellerum's carrier.

WARRANTY
Lifetime warranty on parts, limited 2 years on electrical components, electronic lock, and tambour door. Warranty information is available upon request.