



# DOCKCONTROLLER DC-200

## QUICKSTART GUIDE



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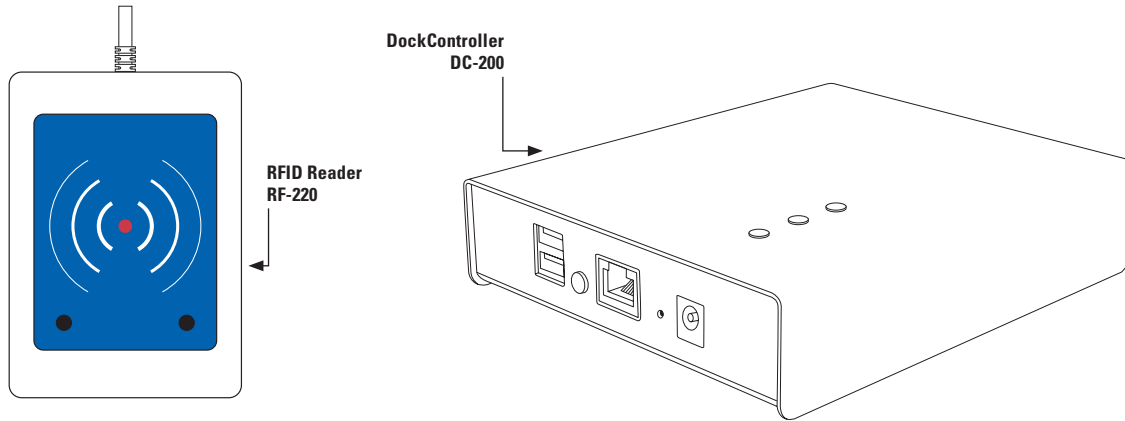
# INTRODUCTION

The DockController DC-200 is a core building block when rolling out VB or VT series body-worn camera deployments to any scale.

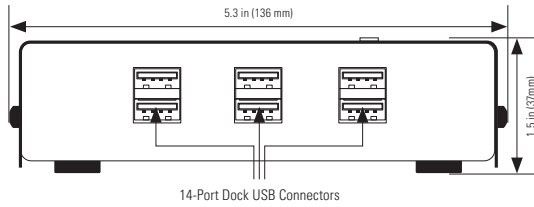
The DC-200 is a VB or VT series body-worn camera network aggregator, which enables deployment and download management for up to 6 14-port docks, or 4 1-port docks of VB or VT series body-worn cameras per unit.

A Motorola Solutions RFID reader connected to a DockController will allow for Touch Assignment of VB or VT series body-worn cameras, using RFID tags already used by operators or supplied by Motorola Solutions.

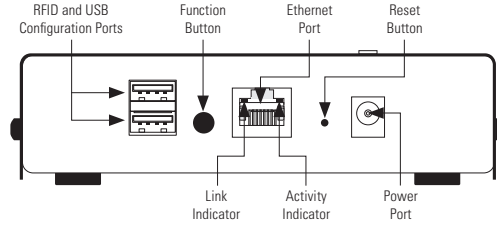
This means that the assignment of cameras becomes a one-step process with no need for users to have access to the VideoManager user interface.



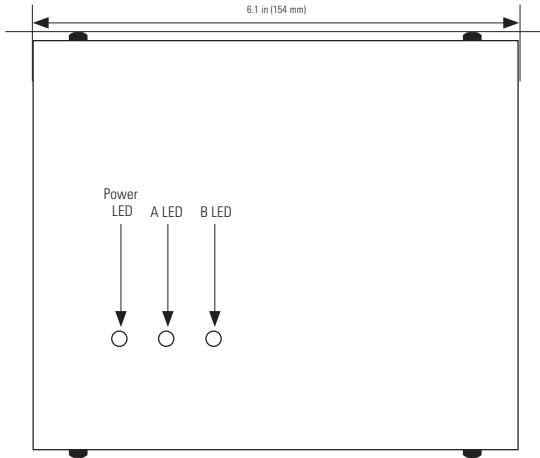
**Front**



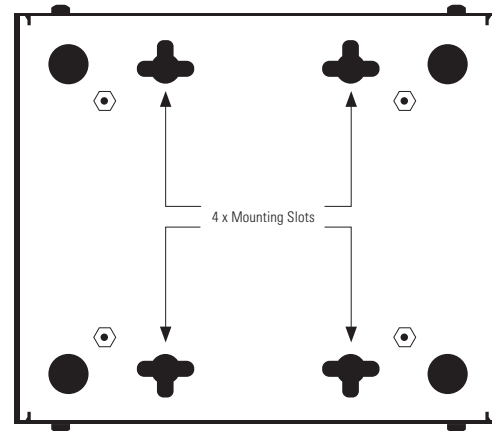
**Back**



**Top**



**Bottom**



# CONNECTING YOUR DOCKCONTROLLER DC-200

The DC-200 is very simple to connect. The six USB ports on the front of the unit should be used for connecting the docks. The back two USB ports should only be used for USB configuration and connecting an RFID reader. Also on the back is the Ethernet socket and the power socket, as well as the function button and recessed factory reset button.

**PLEASE NOTE:** If you are not using a 14-Port Dock, you are restricted to connecting 4 single VB or VT series body-worn cameras to the DockController, as it is not possible to provide sufficient power to charge a larger number of single units.



Up to 4 individual VB or VT series body-worn cameras can be connected to the ports shown.

## TO SET UP YOUR DOCKCONTROLLER:



Wall mount, if required. Plug your docks into the six front-facing USB ports.

Plug a cat5e Ethernet cable into the Ethernet port on back of the device.

Plug your RFID reader, if you have one, into a into USB port on the back of the DC-200.

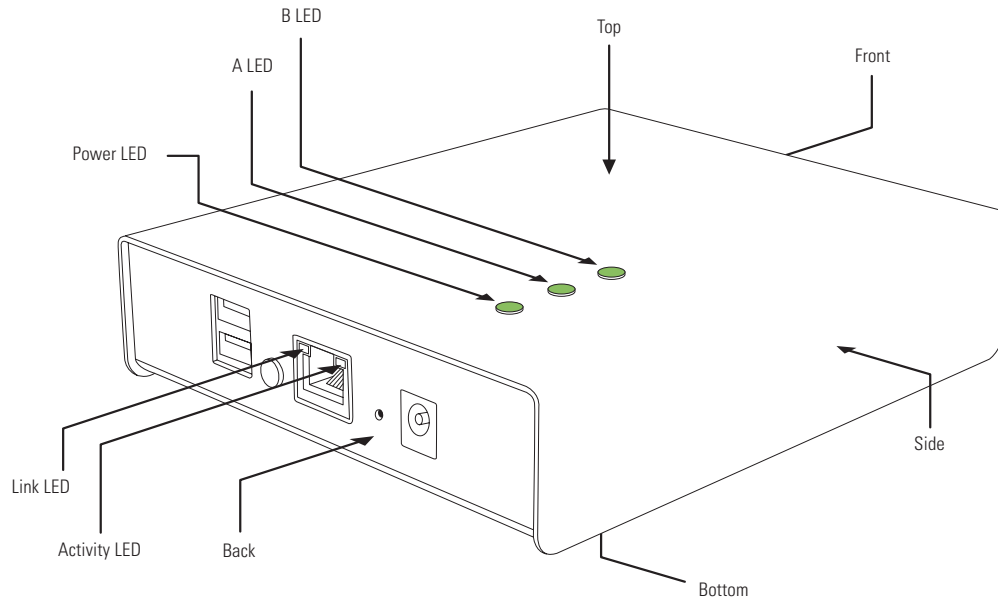
If configuring via USB, plug in your mass storage device next to the RFID reader.

Plug the power cable into the power socket.

Turn on power at the mains.

Once successfully connected, the Power LED on top of the DC-200 will turn on, followed by an Ethernet Link Indicator light and then the Ethernet Activity Indicator.

Subsequently the A LED will turn on. If the DC-200 is in Open Mode the B LED will blink slowly. If the DC-200 has been configured & successfully connected to VideoManager the B LED will light solidly.



# OPERATING MODES

## **Open Mode VS Configured Mode**

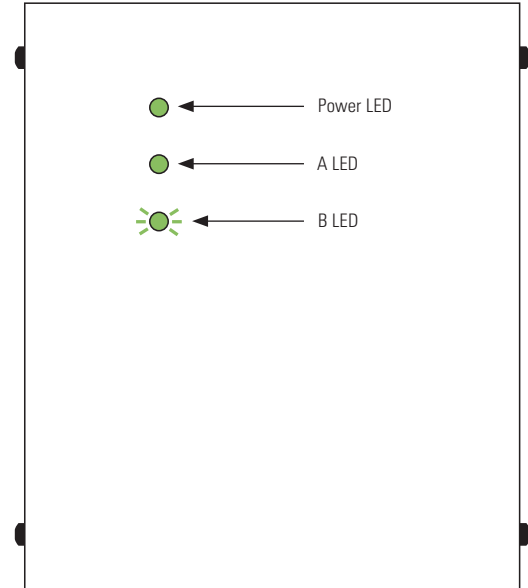
When initially switched on, or after a factory reset, the DC-200 will be in Open Mode, visible to every instance of VideoManager on your network. After configuration, it will enter Configured Mode, where it is only visible to one instance of VideoManager.

# DOCKCONTROLLER LEDS

The DC-200 features three LEDs on the top panel that indicate the DockController's status.

When the DC-200 is running in Open Mode, the Power and A LEDs will be solid, whilst the B LED will blink once every two seconds.

If all three LEDs are solidly on, the DC-200 is in Configured Mode.

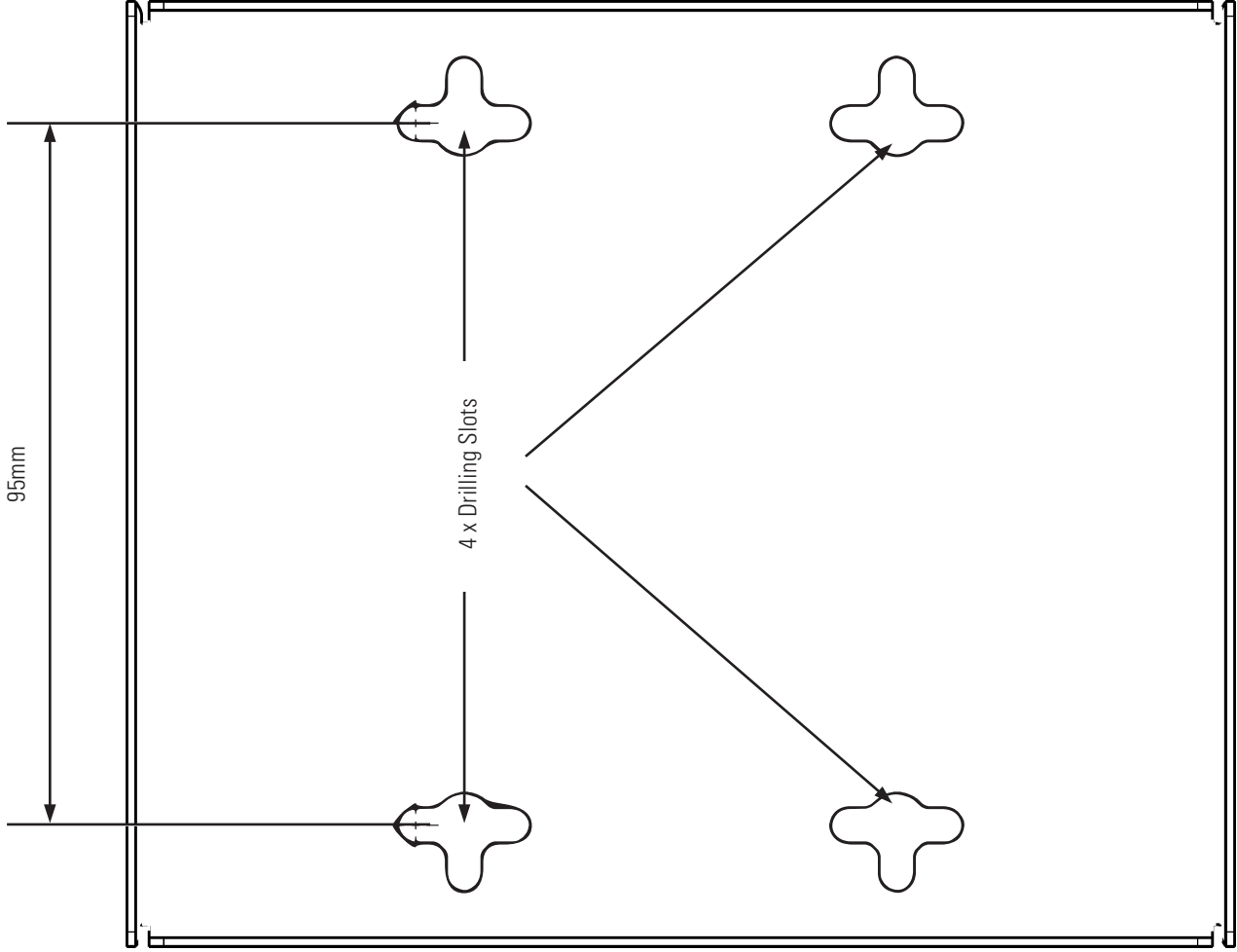




**DRILLING TEMPLATE  
THIS WAY UP**



95mm




4 x Drilling Slots

# LED BEHAVIOR

DC-200 STATE	POWER LED	A LED	B LED
Upgrading	On	Fast blinks	Off
Restarting	Off	Off	Off
Booting Firmware	On	Off	Off
Open Mode	On	On	2 - second blink
Connected Mode	On	On	On
No Serial Number	Slow blinks	Off	Off (Contact Support)
Open Mode: No Discovery	On	On	Off
Configured Mode - IPv4 Address, Unconnected	On	On	Slow blinks
Configured Mode - No IPv4 Address, Unconnected	On	On	Slow blinks
Writing logs to inserted USB Memory Stick	Fast blinks	Fast blinks	Fast blinks

# CONFIGURING YOUR DOCKCONTROLLER DC-200 USING A USB MASS STORAGE DEVICE

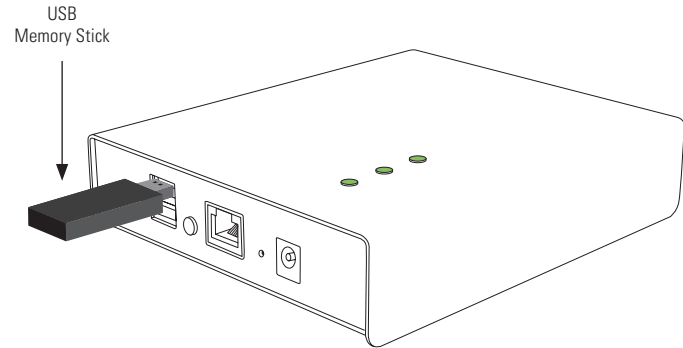
VideoManager offers a configuration tool in its browser-based application. To generate a configuration for your DockController:

- Navigate to the Devices tab.
- Select the DockControllers pane.
- Click Advanced 
- Click Generate DockController Config.
- Enter the relevant details, and click Generate.

Once the file is generated, it will be sent to your browser's default download location. It should then be copied to the root level of a memory stick, which should then be connected to a DC-200.

The DC-200 should automatically restart in Configured Mode, and when all three lights are solid, the memory stick can be removed.


**PLEASE NOTE:** USB Mass Storage must be formatted in FAT32.



# CONFIGURING TOUCH ASSIGN

Touch Assign allows a user to quickly and easily assign themselves a body-worn camera with no need for interaction with a computer screen or keyboard. With a Motorola Solutions RFID reader plugged into one of the two back USB ports, a user can simply hold their RFID tag against the reader and will be assigned a VB or VT series body-worn camera from those connected to that DockController. This makes the assignment process very simple.

Configuring Touch Assign is easy - when creating or editing a user profile, their RFID value should be entered into the Touch Assign ID field. To find the RFID value for a user:

- Hold the user's RFID tag to the RFID reader.
- Navigate to the Admin tab.
- Select the People pane.
- Click the Users section.
- Click Go To User next to the relevant user.
- In the Edit User pane, click Search For Recently Failed RFID Scans. 
- Copy the most recent entry in the log - this is the user's RFID ID.
- Paste it into the Touch Assign ID field.
- Click Save User.

When assigning a VB or VT series body-worn camera, swiping an RFID tag will cause a VB or VT series body-worn camera to be assigned to the user associated with that tag. This process generates an Audit Log entry and therefore is fully accountable.

**PLEASE NOTE:** Only Motorola Solutions RFID readers are compatible with the DockController DC-200.

# RFID READER RF-220 TROUBLESHOOTING

SYMPTOM	CAUSE	TO REMEDY
Blinking red and green LEDs	No connection to VideoManager	Check that the DockController is connected to a working network
		Check that you only have one RFID reader connected to the DockController
Three beeps and red LED flashing brightly	There are no body-worn camera left to be assigned	-
	Your RFID tag has not been assigned to a user profile	Speak to your system administrator
Red LED is solid and no response is given to an RFID swipe	The DC-200 is in Open Mode	Speak to your system administrator

# UPGRADING YOUR DC-200 FIRMWARE

The DC-200 runs firmware which should be updated in a similar manner to that on a VB or VT series body-worn camera. A firmware upgrade may be required when a new version of VideoManager is released in order to retain full functionality.

**PLEASE NOTE:** To receive VideoManager updates, you must have valid software assurance for all licences of VideoManager, or have subscribed to our Cloud Service.

DockController firmware can be upgraded from within VideoManager. This can be done from the individual device's management page in the same manner as upgrades to VB or VT series body-worn cameras. Alternatively, an administrator can configure VideoManager so it will automatically upgrade DC-200s to the default firmware. To do so:

- Navigate to the Admin tab.
- Select the Firmware pane.
- Click the Firmware Settings section.
- Set Auto-Upgrade DockControllers to On.
- Optionally set a time period, between which the DC-200 will attempt to upgrade.

**PLEASE NOTE:** While a DC-200 is upgrading, any body-worn cameras connected to it will be unavailable (i.e. cannot be assigned or used). For this reason, Motorola Solutions recommends that DC-200s only upgrade when the system is not typically in use.

- If Use Latest Firmware As Default is set to On, the most recent firmware will automatically be set as the default. If set to Off, administrators can select the default firmware from the DockController Images section.
- Click Save Settings.

# REGULATORY INFORMATION

## FCC Compliance Information Statement

PRODUCT NAME	MODEL
Motorola Solutions DockController	DC-200

have been tested and found to comply with the limits for Class A digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when equipment is operated in a commercial environment. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If harmful interference is suspected, the user should determine its cause by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the supplier or an experienced radio/TV technician for help.

This device complies with the limits specified in part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Industry Canada Compliance Information Statement

Canada: CAN ICES-3 (A)/NMB-3(A)

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

For more information, please visit: [www.motorolasolutions.com/BWC](http://www.motorolasolutions.com/BWC)

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