Manual for Multi-cell docking station XMRA8

1 General introduction

XMRA8 is a mult-cell docking station, which design for the body camera to achieve data exporting, uploading and battery recharge, it support total 8 channel camera slots working at the same time, it can upload the recorded files from the camera to the FTP server directly without local buffer, which is a very important part of the body worn camera total solution.

2 External interface

Item	Description	Remarks
USB interface	4 USB 2.0 HOST , used to extend devices, such as pen drive for firmware upgrade, mouse, keyboard and so on.	
Power interface	5.5mm DC Jack, inside: positive pole, outside: negative pole. 24V/6A.	
HDMI interface	HDMI1.4 support down-level compatibility, can connect to HD display.	
RJ45 interface	GB Ethernet interface with network indicator light	
Camera slot	Totally 8 camera slots, based on USB2.0 connection, support 8 cameras connect at the same time.	

3 Product function

3.1 Button operation instruction

Button name	Description
Power on/off button	Press the button gently to start up the machine in shutdown mode; Press the button for 3 seconds, the screen will pop-up the shutdown tips.
Volume button +/-	Increase or decrease the volume of speaker
Screen off button	In any mode, press the button to screen off, system enter power-save mode.
Lock	When the cover is covered, use the lock to lock the cover.

3.2 Indicator light

Indicator light	Function description	Remarks
Indicator light	Yellow light, it is always light after device start up	
Alarm light	Red light 1.indicate network offline and alarm Fast blinking 3 times and always light 3seconds. And keep on this cycle till the problem solved. Then the lights shutdown at the same time	
Disk indicator light	White light. The light keep blinking when execute writing and reading data operation.	

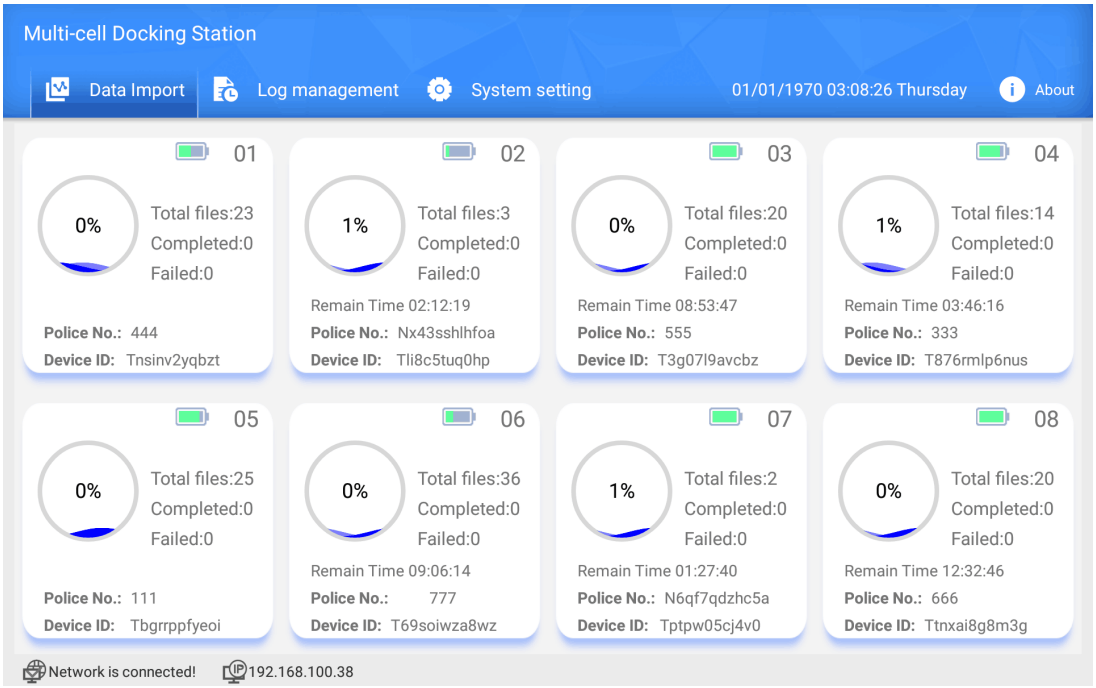
3.3 GUI Introduction

3.3.1 Icon display

Icon	Name	Function definition
	Ready	BWC is not be inserted, or inserted but not detected
	Connected	Means the docking detected the camera, and start to mount.
	Export error	The data on the BWC can’t upload to FTP server, which means the network is disconnected or the FTP server is incorrect.
	Export success	The data on the BWC is been uploaded to unit completely.
	Working	The data on the BWC is being uploaded to the FTP server.

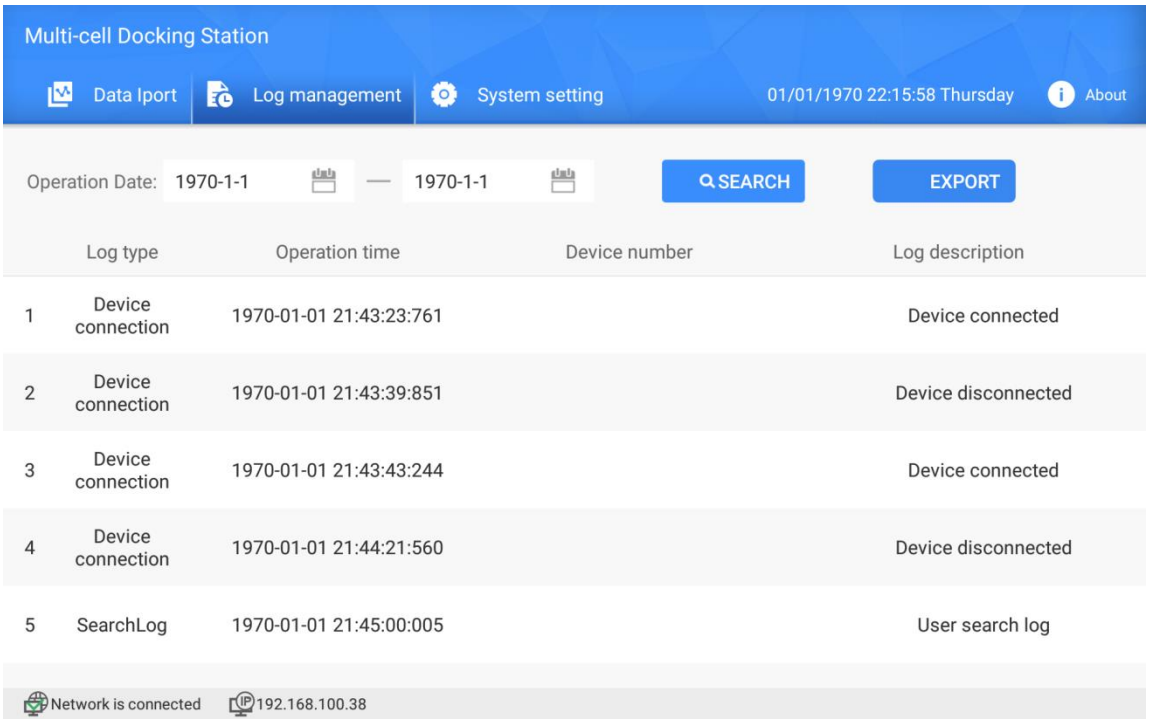
3.3.2 Data import

Start up the unit, insert the BWC to the dock, the data on the BWC will be uploaded instantly and automatically, the unit displays "", it means the working mode. During this process, the acquisition cell will show acquisition unit No., battery level, officer No., product SN and so on. And the data will be uploaded to management platform server automatically.



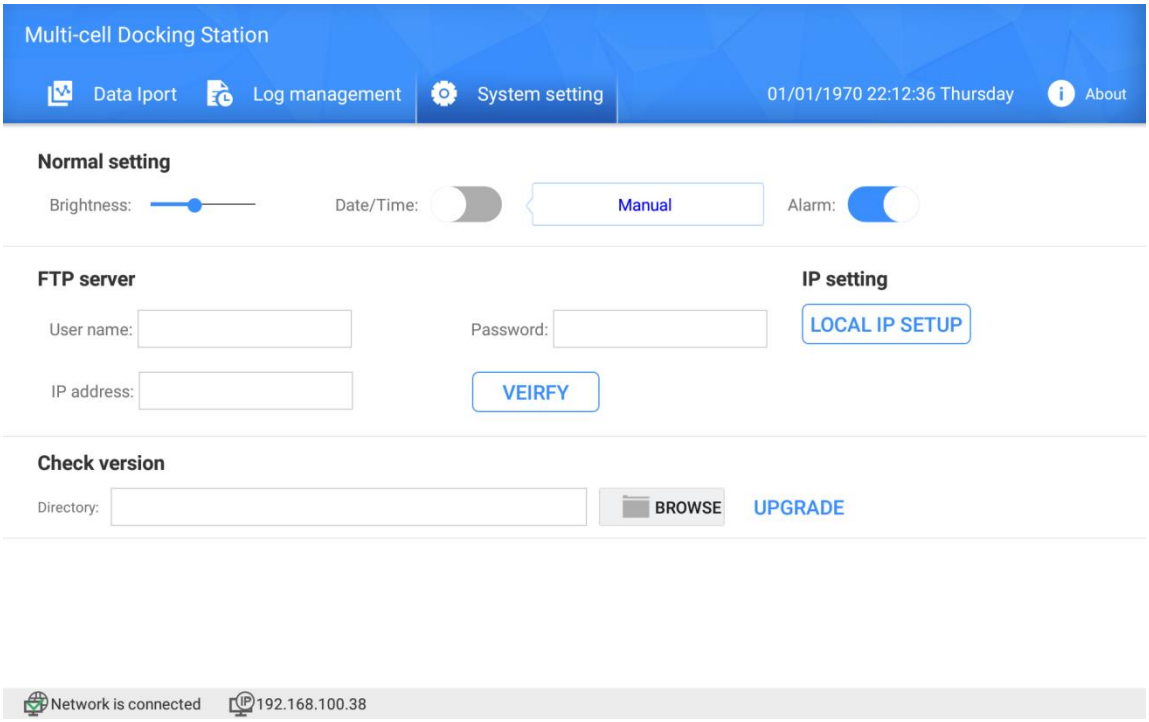
3.3.3 Log management

This part is for operation log search and checking. The log include which device is connected, the uploading status is success or failed, log exported and so on.



3.3.4 System setting

In this page, you can setup the FTP server information, and setup the system data/time.



Brightness: Adjust the brightness of the touch screen.

Date/time: The option is Manual or Auto; Manual means you can setup the data/time manually; Auto means when the device connect to internet, it will sync the date/time automatically.

Alarm:ON/OFF, which means when there is any error happen, the device will give the sound and light alarm, until the alarm is fixed.

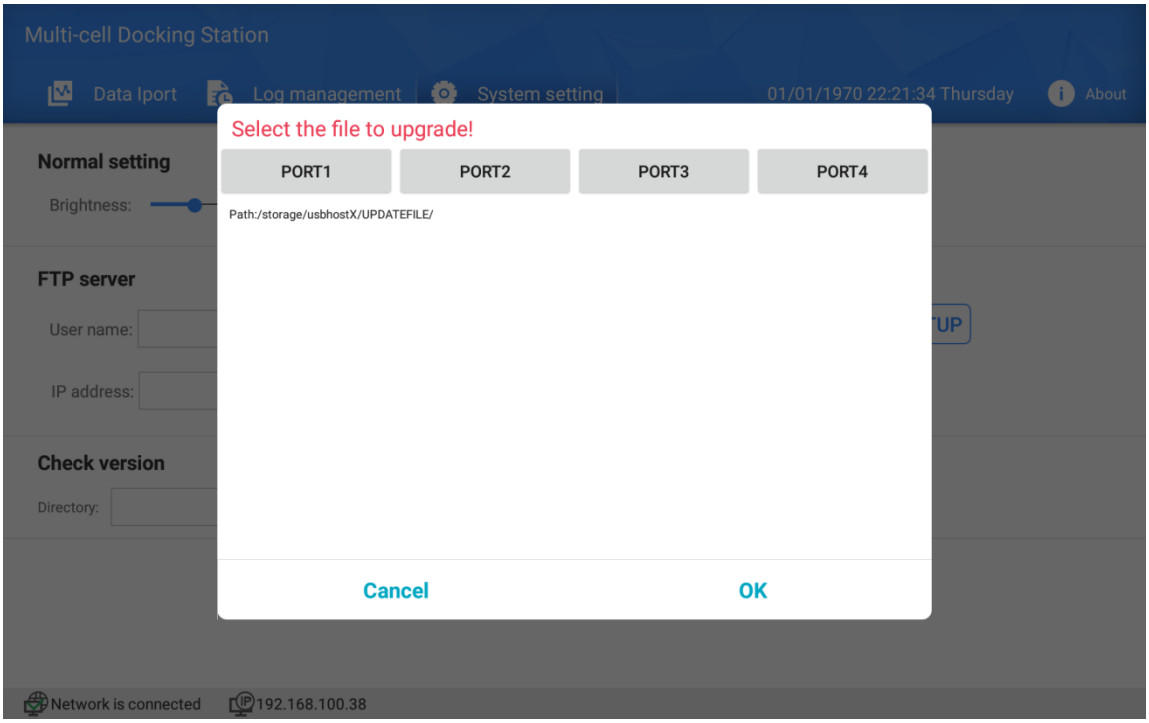
FTP server: The FTP server address, username and password for the docking station to upload the recorded files. You can click the button “Verify” to check if the FTP is normal or not.

LOCAL IP: Setup the local of the docking station, it can support DHCP and static IP.

CHECK VERSION: This part is for firmware upgrade.

Insert USB into the docking station, and then click “Browser” to choose the correct port and the correct file for updating.

Remark: Please make sure the directory for firmware upgrade is correct.



3.3.5 Device information

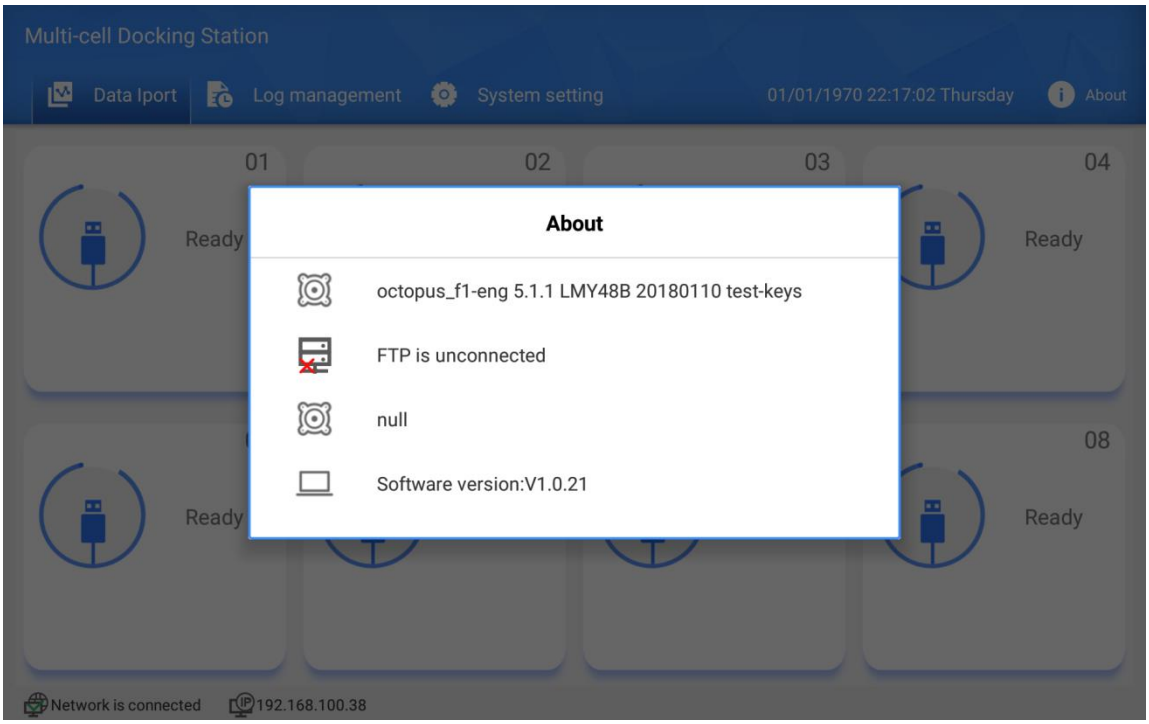
Click the About button, it will pop-up the window to display all the information about the device, as follow:

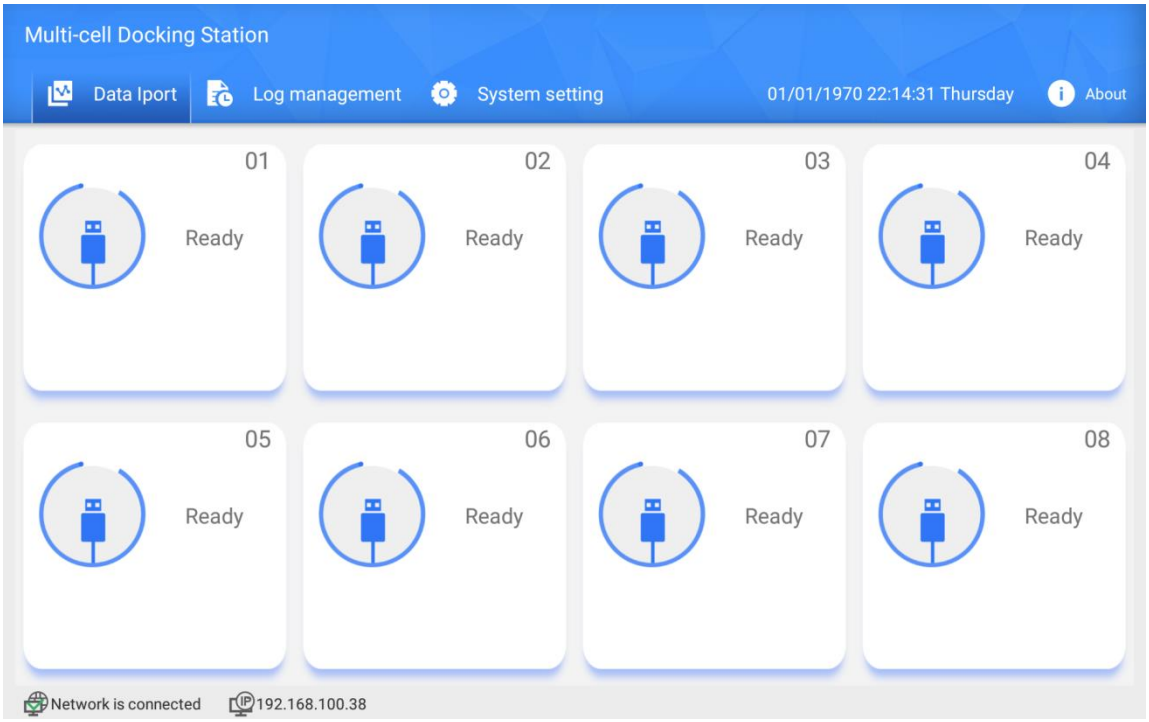
: Means the firmware version of the docking station.

: Means the FTP connection station, green means the connection is normal.

: Means the serial number of the docking station status.

: Means the APP version of the docking station.


Multi-cell Docking Station
Data Iport
Log management
System setting
01/01/1970 22:17:02 Thursday
About
01
02
03
04
Ready
Ready
About
octopus_f1-eng 5.1.1 LMY48B 20180110 test-keys
FTP is unconnected
null
Software version:V1.0.21
08
Ready
Ready
Network is connected
192.168.100.38

3.4 Recharge

This Multi-cell docking station can support one or multiple BWC charging simultaneously, and shows the charging status. Each USB port can mostly offer 1.2A charging current.