

## Vision[Ai]ry

Vision[Ai]ry uses AI-based facial recognition to detect, locate and track the position of faces within the video stream directly from the camera.

### Requirements

- Robotic Camera System Interface Software Option
- Vision[Ai]ry

### Port Connections

Communications		
Vision[Ai]ry Ethernet	>	Local Area Network Ethernet
Robotic Camera Ethernet	>	Local Area Network Ethernet
Video		
Switcher Input BNC	>	Robotic Camera Video Out BNC

### For More Information on...

- configuring switcher inputs, refer to the *Caprica User Guide*.

### Vision[Ai]ry Control Service RossTalk Listener

Use the following procedure to configure the port number that your Vision[Ai]ry Control Service uses to listen for RossTalk commands from the Caprica Server:

1. Use the current version of **DashBoard** software to connect to your **Vision[Ai]ry Control Service**.
2. In the **DashBoard Tree View**, fully expand the **Vision[Ai]ry** node and the nodes that it contains.
3. Double-click the **Configuration** node of your **Vision[Ai]ry Control Service**.
4. In the **Configuration** panel, click the **Routing** tab.
5. In the **RossTalk Listener** section, enter or select the port number to listen for RossTalk commands in the **Port** box.
6. Click **Enable**.

### For More Information on...

- configuring and using Vision[Ai]ry, refer to the *Setup and User Guide for Vision[Ai]ry*.

### Remote Device Port Configuration Settings

Use the following procedure to configure a device for your Vision[Ai]ry Control Service on the Caprica Server:

1. Use the current version of **DashBoard** software to connect to your **Caprica Server**.
2. In the **DashBoard Tree View**, double-click the **Port Configuration** node of your Caprica Server.
3. In the **Port Configuration Summary** table, double-click a **REMOTE#** port in the **Port** column.
4. In the **Configure REMOTE#** panel, click **RossTalk**.
5. Click **RTalkXPN**.
6. Click **Network Settings**.
7. Use the following settings to configure the **Network Settings** for your Vision[Ai]ry device:
  - **Ethernet Role** — Client
  - **Remote IP Address** — enter the IP address of the computer running your Vision[Ai]ry Control Service.
  - **Remote Port** — enter the port number that your Vision[Ai]ry Control Service uses to listen for RossTalk commands, which you set in the **Vision[Ai]ry Control Service RossTalk Listener** section.
  - **Local IP Address** — 0.0.0.0
  - **Local Port** — 0
  - **Protocol** — TCP
8. Click **Apply Changes** to save the Vision[Ai]ry device network settings.

### Device Settings

Use the following procedure to configure the device settings for your Vision[Ai]ry device on the Caprica Server:

1. Click **Device Settings**.
2. Use the following setting to configure the device settings for your Vision[Ai]ry device:
  - **HTTP protocol** — click **None**.
3. Click **Apply Changes** to save the device settings.
4. Click **Done** to close the Configure REMOTE# panel.

### For More Information on...

- configuring remote devices for OverDrive systems that contain a Caprica Server, refer to the *Caprica User Guide*.

## Vision[Ai]ry Commands

After configuring your Vision[Ai]ry Control Service to listen for RossTalk command and creating a Caprica device for it, you can create RossTalk TypeInCmd Custom Controls to control face tracking in OverDrive.

- ★ All fields are case insensitive and they ignore any leading or trailing white space.

### Select a Camera for Face Tracking

Use the following RossTalk command to select a camera for face tracking by camera ID.

**VAT SELECTCAM : CH : *ch\_id* : CAMID : *cam\_id***

Where:

- *ch\_id* — Channel ID of the channel to control. The Channels tab of the Vision[Ai]ry Configuration page lists the available Channel IDs.
- *cam\_id* — selection ID assigned to the camera in Vision[Ai]ry. Set *cam\_id* to **-1** for Standby.

Use the following RossTalk command to select a camera for face tracking by camera name.

**VAT SELECTCAM : CH : *ch\_id* : CAMNAME : *cam\_name***

Where:

- *ch\_id* — Channel ID of the channel to control. The Channels tab of the Vision[Ai]ry Configuration page lists the available Channel IDs.
- *cam\_name* — display name assigned to the camera in Vision[Ai]ry. Set *cam\_name* to **Standby** for Standby.

### Control Active Face Tracking Mode

Use the following RossTalk command to control active face tracking for the selected camera.

**VAT TRACKMODE : CH : *ch\_id* : *track\_mode***

Where:

- *ch\_id* — Channel ID of the channel to control. The Channels tab of the Vision[Ai]ry Configuration page lists the available Channel IDs.
- *track\_mode* — one of the following modes:
  - › **ON** — turn tracking mode on.
  - › **OFF** — turn tracking mode off.
  - › **ONESHOT** — turn tracking mode on until the selected subject is properly framed in the framing target and then turn tracking mode off.

## Compatibility

Robotic Camera	Version
Vision[Ai]ry	1.2 or higher
Automation	
OverDrive	15.1 or higher
Caprica Server	1.4a or higher

## Contacting Technical Support

Technical Support is staffed by a team of experienced specialists ready to assist you with any question or technical issue.

Ross Video has technical support specialists strategically located around the globe to ensure a prompt response to technical inquiries. Our primary technical support center is located in Ottawa, Ontario, Canada. In addition, we have offices in The United Kingdom (London), Australia (Sydney), and Singapore with satellite locations in New York City, The Netherlands, and China. As we expand our presence globally, we are constantly evaluating other key locations to have a local technical support specialist in order to better service our customers.

### North America

Our North America center located in Ottawa, Ontario, Canada and is open Monday to Friday 8:30 a.m. to 6:00 p.m. EST, with 24/7/365 on-call service after hours.

Our telephone number is: +1-613-686-1557

Toll free within North America: +1 833-859-0499

### EMEA

Our EMEA center is open Monday to Friday 8:30 a.m. to 5:00 p.m. GMT. After hours support is provided by our North America location.

Our telephone number is: +44 (0)1189502446

International toll free: +800 3540 3545

If the local support specialist is not available, your call will be transferred automatically to our North America center.

### Australia

Our Sydney, Australia office is located in Alexandria, NSW.

Our local support telephone number is: 1300 007 677

If the local support specialist is not available, your call will be transferred automatically to our North America center.

## Online

E-mail: [techsupport@rossvideo.com](mailto:techsupport@rossvideo.com)

Website: open a support request using the link  
<https://support.rossvideo.com/> to open a support request.

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