

Cellomics ArrayScan VTI600



Manufacturer: Cellomics, Inc.
Model Number: ArrayScan-VTI600
Web Address: www.cellomics.com

The ArrayScan VTI reader is an automated fluorescence microscopic imaging system designed for high content screening and high content analysis. The instrument features include optics by Carl Zeiss, broad white-light source, 12-bit cooled CCD camera, and controller software. All Cellomics instruments are designed to work with image analysis modules (BioApplications) that automatically convert images into numeric data that capture changes in cell size, shape, intensity, and other properties.

Scanner: Commands

▶ **PrepareForInput(plateID, plateName)** - Prepares the plate to be accepted by the reader. Moves the stage to the plate load position, opens the plate door, then releases the plate fixing.

plateID	String	Plate identifier which uniquely identifies the plate.
plateName	String	Plate description.

▶ **PrepareForOutput()** - Prepares the plate to be picked up by the robotic arm. Moves the stage to the unload position, opens the door, then releases the plate fixing.

▶ **ReadPlate(plateID, plateProtocol, option)** - Scans and reads a plate.

plateID	String	Plate identifier which uniquely identifies the plate.
plateProtocol	String	Plate protocol defined in the ArrayScan software.
option	Integer	1=Use the plate protocol associated with the plate identifier if possible. Otherwise, use the specified plate protocol. 2=Use the plate protocol associated with the plate identifier if possible. Otherwise, the plate will not be read. 4=Use the specified plate protocol. Range of values: 1 to 4 .

▶ **ReadBarcode()** - Reads a barcode on a plate.

Scanner: Errors

 **ScannerError(alarmCode, alarmMessage)** - Error occurred during command execution.

alarmCode	Integer	Error code for the scanner.
alarmMessage	String	Error message for the scanner.

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