



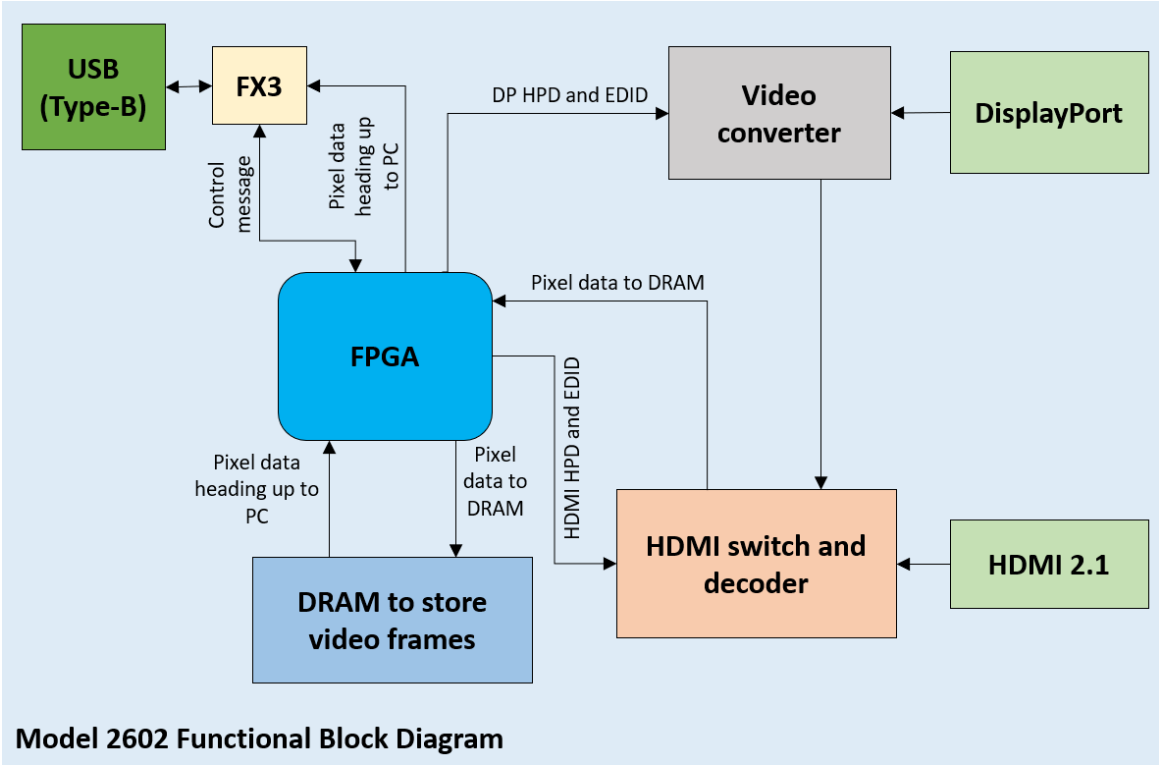
# Model 2602 Display Capture Tester

The Model 2602 Display Capture Tester "Tanager" is a general-purpose video capture device compatible with (and tested with) the Microsoft Display Capture Test tools, which are used to exercise graphics drivers and display solutions for Microsoft Windows. It captures HDMI® or DisplayPort™ video streams at resolutions up to 4k @ 60 Hz and returns the uncompressed pixel data to the test host over USB 3.0.



The block diagram below illustrates the main components of the Model 2602 Display Capture Tester and their interconnections.

Figure 1 Block diagram



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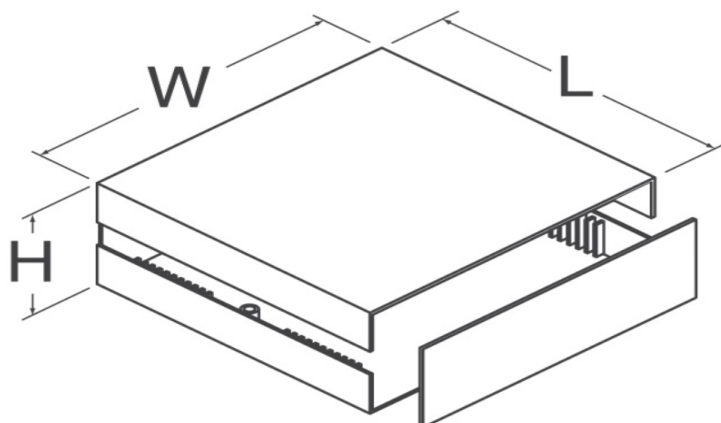
## Specifications:

<b>FPGA</b>	Efinix Trion® T120 Field Programmable Gate Array (FPGA)
<b>FX3</b>	Infineon EZ-USB™ FX3 Peripheral Controller
<b>DRAM</b>	2 gigabyte LPDDR3 SDRAM
<b>HDMI switch and decoder</b>	Dual-port MHL 2.2 / HDMI 2.0b Receiver with 3D Support
<b>Power</b>	12VDC, 2A
<b>USB (Type-B)</b>	USB 3.2 Gen 1 (Superspeed, USB 3.0), send the received captured data to the test host.
<b>DisplayPort</b>	User can provide EDID and instruct the Model 2602 to Hot-Plug Detect (HPD) on DisplayPort. The image can then be decoded and captured into SDRAM for retrieval. Supports up to 4K@30fps on DisplayPort.
<b>HDMI 2.1</b>	User can provide EDID and instruct the Model 2602 to HPD on HDMI. The image can then be decoded and captured into SDRAM for retrieval. Supports up to 4K@60fps on HDMI.

## Case Dimensions:

<b>Dimensions (L x W x H)</b>	<b>8.1" x 6.34" x 2.5"</b> <b>206 x 161 x 64 millimeters</b>
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Figure 2 Case dimension



## Price and Availability:

The Model 2602 is available from stock from MCCI's online store, <https://mcci.io/buy-2602>. For more information, please contact MCCI at [sales@mcci.com](mailto:sales@mcci.com).