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Reference Photos of Phototubes:

[View Common Phototube and C-mount Adapters.](#)

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|  <p>American Optical Series 10 28mm ID Phototube without #1044 Phototube. MDSLR-AO fits this port directly.</p> |  <p>AO 10 showing #1044 Phototube. Older #1044's are usually silver. MM25TC clamp recommended for MM Series adapters. SC67LJ or SC50LJ C-mount adapters recommended for dedicated microscope cameras.</p> |  <p>Meiji ML Series has standard 23mm ID / 25mm OD phototube. MM25TC clamp recommended for MM Series adapters. SC67LJ or SC50LJ C-mount adapters recommended for dedicated microscope cameras.</p> |
|  <p>Leica HC dovetail Photoport - usually marked "HC" and uses a 3mm allen screw. Uses DDxxHCC C-mounts. MDSLR-HC fits this port directly.</p> |  <p>Leica DMR with 37mm ID Photoport - Looks very similar to the 38mm type, so measure carefully! Uses D10DMC or DD63MZC or DD50MZC C-mounts. MDSLR-DMR can be special ordered to replace this phototube for DSLR's.</p> |  <p>Leica DME 36mm ID Photoport. MDSLR-LE fits this port directly.</p> |
|  <p>Older Leitz ISO 38mm ID Photoport - used for most Leitz trinocular scopes: Ortholux, Orthoplan, Dialux, Laborlux, etc. Uses DxxNLC 1x C-mount for 38mm ISO port. Uses DD20NLT ISO T-mount.</p> |  <p>Leica M and S series stereomicroscopes with externally threaded port with 28mm ID. Uses Leica C-mounts or Leica 10445930 conversion to 37mm ID phototube plus DDxxMZC C-mounts. MDSLR-LM fits this port directly.</p> |  <p>Leica MZ 37mm ID Phototube HU/HV Off-white phototubes are 37mm. Uses D10DMC or DD63MZC or DD50MZC C-mounts.</p> |
|  <p>Wild M3 with ISO 38mm ID Phototube Black Leica Phototubes are 38mm. Uses DxxNLC C-mounts. Uses DD20NLT ISO T-mount.</p> |  <p>Older Wild M5 with 30mm Phototube - older ones are painted yellow Direct fit for MM Series; dedicated microscope cameras require SCxx30 C-mounts.</p> | |



Nikon Eclipse 55i with Ergo Head and built-in 0.7x C-mount Phototube.

Works with 1/2" and 2/3" sensor cameras directly, but no way to attach DSLR or MM series adapters. Also may restrict some C-mount cameras due to size constraints.



Nikon Eclipse LV100 with 40mm ID Photoport. Requires Nikon MBB63430 to convert to standard 38mm ISO port for use with [DxxNLC](#) C-mounts. [MDSLR-NK](#) fits this port directly. This is the new Nikon standard port for materials and stereo microscopes.



Nikon E200 with non-ISO 38mm port. Requires Nikon MBB73520 Y-T TV Tube for use with [DxxNLC](#) C-mounts. [MDSLR-NE](#) fits this port directly.



Nikon Eclipse with ISO 38mm ID Photoport - Nikon "chimney" tube has been removed. Uses [DxxNLC](#) C-mounts. Uses [DD20NLT](#) ISO T-mount.



Nikon Eclipse with "Chimney" phototube with recessed 30mm ID port. MM-SLR, MM99 and MMC00L and variants fit this chimney tube directly; MM3 does not. Uses [SCxxNF](#) C-mounts.



Nikon Labophot-2 ISO 38mm Photoport with "chimney" tube removed. Uses [DxxNLC](#) C-mounts. Uses [DD20NLT](#) ISO T-mount.



Nikon Optiphot / Labophot "chimney" type phototube with recessed 23mm ID port. MM-SLR, MM99 and MMC00L and variants fit this chimney tube directly; MM3 does not. Uses [SCxxNF](#) C-mounts.



Olympus BH2 with reversed dovetail photoport with recessed 23mm ID port. For MM Series, use MMBH2 clamp. Uses [DxxBHC](#) C-mounts.



Olympus Vanox also has the reversed dovetail port.



Olympus BX with 51mm ID dovetail Photoport. Uses [DxxBXC](#) C-mounts. [MDSLR-BX](#) fits this port directly. Also for Olympus SZX.

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|  <p>27mm ID</p> <p>B&L Stereozoom 7 with 27mm ID photoport. Older SZ7's accept a threaded 25mm phototube.</p> |  <p>28mm ID</p> <p>B&L / Leica Stereozoom 6 with 28mm ID photoport. Contact us for help with this one.</p> |  <p>48mm dovetail</p> <p>Jenaval 48mm dovetail Photoport. Jenalumar and Jenavert also use this port. Uses DxxZJC C-mounts. Jenapol's also have this port, but the phototube must be much shorter for parfocality, so it requires M10ZJP C-mount - 1x only.</p> |
|  <p>30mm ID</p> <p>Zeiss Stemi 2000C with new 30mm ID photoport (Zeiss # 45 29 02). Uses DxxZNC C-mount or MDSLRL-ZS DSLR Adapter.</p> |  <p>Zeiss Axio Imager side photoport uses newer Zeiss DxxZNC C-mounts or MDSLRL-ZS DSLR Adapter.</p> |  <p>Zeiss Axioskop with 44mm dovetail photoport. Uses DxxZAC C-mounts.</p> |
|  <p>Zeiss Axioplan with 44mm dovetail photoport. Uses DxxZAC C-mounts.</p> |  <p>47mm ID</p> <p>Zeiss Universal 47mm dovetail Photoport. Uses DxxZUC C-mounts.</p> |  <p>23mm ID 25mm OD</p> <p>Zeiss Standard with 23mm ID / 25mm OD phototube. For MM Series, MM25TC clamp recommended. Uses SCxxLJ C-mounts.</p> |

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