

TF700x | TwinCAT 3 GigE Vision Connector



i Product status: Regular delivery

TwinCAT 3 GigE Vision Connector offers the possibility to integrate GigE Vision cameras directly into the TwinCAT architecture. TF700x is also GigE Vision certified. The cameras are configured in the same development environment as fieldbus components or axes without any third-party software. Triggered from the real-time, image capture and PLC or motion control can be operated in a highly synchronized way.

The configuration is carried out completely in TwinCAT Engineering. Assistants are available for setting the camera parameters and for calibration and simulation. Via the source control file it is possible to read images stored on a drive and to make them available to the real-time. The programming of image processing tasks can be prepared and tested offline in advance.

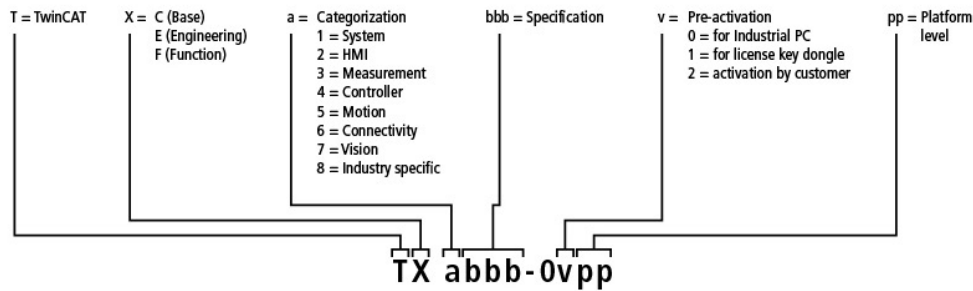
TF7000 TwinCAT 3 GigE Vision Connector Base provides the basis for communication and features two camera connections. Optional packages are available for two, four or eight additional cameras.

Product information

Technical data

Technical data	TF700x
Required	TC1200, TC1300
Operating system	Windows 7 , Windows 10
CPU architecture	x64

Ordering information



Ordering information	TF7000 (including 2 camera connections)
TF7000-0v50	TwinCAT 3 GigE Vision Connector Base, platform level 50 (Performance Plus)
TF7000-0v60	TwinCAT 3 GigE Vision Connector Base, platform level 60 (Mid Performance)
TF7000-0v70	TwinCAT 3 GigE Vision Connector Base, platform level 70 (High Performance)
TF7000-0v80	TwinCAT 3 GigE Vision Connector Base, platform level 80 (Very High Performance)
TF7000-0v81	TwinCAT 3 GigE Vision Connector Base, platform level 81 (Very High Performance)
TF7000-0v82	TwinCAT 3 GigE Vision Connector Base, platform level 82 (Very High Performance)
TF7000-0v83	TwinCAT 3 GigE Vision Connector Base, platform level 83 (Very High Performance)
TF7000-0v84	TwinCAT 3 GigE Vision Connector Base, platform level 84 (Very High Performance)
TF7000-0v90	TwinCAT 3 GigE Vision Connector Base, platform level 90 (Other)
TF7000-0v91	TwinCAT 3 GigE Vision Connector Base, platform level 91 (Other 5...8 Cores)
TF7000-0v92	TwinCAT 3 GigE Vision Connector Base, platform level 92 (Other 9...16 Cores)
TF7000-0v93	TwinCAT 3 GigE Vision Connector Base, platform level 93 (Other 17...32 Cores)
TF7000-0v94	TwinCAT 3 GigE Vision Connector Base, platform level 94 (Other 33...64 Cores)

We recommend using a [TwinCAT 3 license dongle](#) for platform levels 90-94.

Further packs	
TF7001-0vpp	TC3 GigE Vision Connector Pack 2
TF7002-0vpp	TC3 GigE Vision Connector Pack 4
TF7003-0vpp	TC3 GigE Vision Connector Pack 8