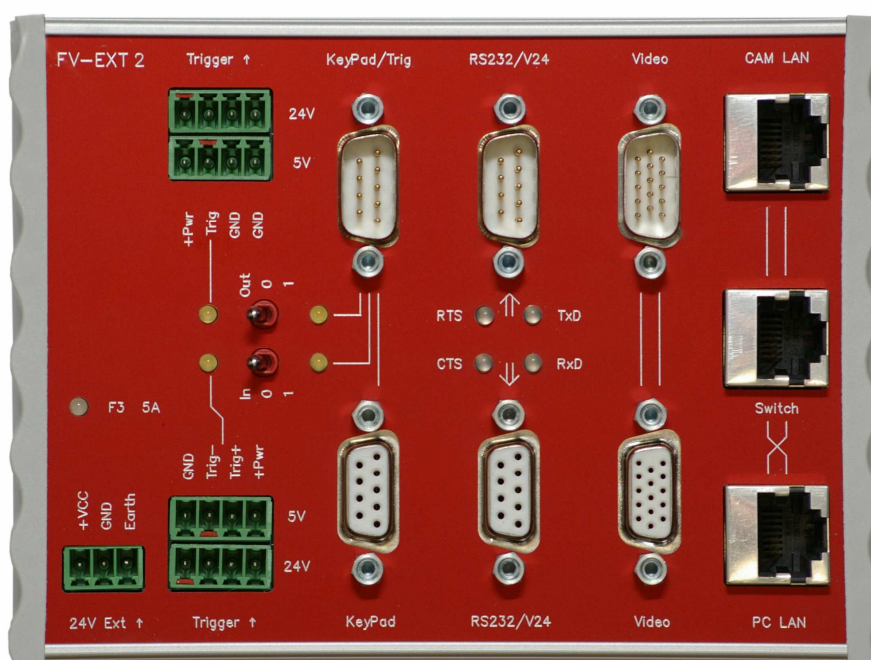# Connection Module FV-EXT2

The handy devices of the connection module series FV-EXT are designed for easy integration of *Vision Components* (*VC*) smart cameras into your production environment. They provide a central interface for all supply and communication cables. Furthermore they offer vast opportunities for test and diagnosis.

Product Features

- Interface for VC camera cables (such as *Caminax*® or *pictor*®)
    - o Keypad
    - o V24 / RS232
    - o Video (VGA)
    - o LAN
- Interface for typical cables for
    - o Serial communication
    - o VGA monitors
    - o LAN (RJ 45) for both types, either 1:1 or cross-over
- Interface for fast TTL-flash- or trigger-connections (of e.g. *Caminax*® or *pictor*®)
    - o Switchable between TTL and 24V
    - o 3-stage switch for flash and trigger signal level: high, low or PLC level
- Separate connection for earthing and ground
- Power supply optionally through FV-EXT1 module
- Coded and labelled *Phoenix* plugs included
- Top hat rail setup set included

Technical Data

Operating voltage	24VDC
Dimension (W x H x D)	140mm x 45mm x 105mm
Cable-cross-section 24V main supply	max. 1,5mm^2
Cable-cross-section terminal clamps	max. 2,5mm^2
Fuse 5A (short-circuit resistant)	1
Status display LED	4 Serial connections 2 Camera 2 PLC 1 Status of fuse (multicolor)
3 stage switch (1/0/IN or 1/0/OUT)	2 Fast trigger in- and outputs
Connectors	2 SubD9 plug Keypad/RS232 2 SubD9 jack Keypad/RS232 1 SubD15 plug VGA cable (camera) 1 SubD15 jack Display-connection 3 RJ45 jack LAN-connection
Terminal clamps	2 x 4-pin Trigger (24V or 5V) 1 x 3-pin 24V-Input for extern
Weight	450g
Operating temperature	0°C – 45°C
Air humidity	80%, not condensing

Order Number

Connection Module EXT2	FV-EXT2

Accessories

Keypad/Trigger cable VC20xx-camera 5m	FV-KTK-205
Keypad/Trigger cable VC20xx-camera 10m	FV-KTK-210
Keypad/Trigger cable VC40xx-camera 5m	FV-KTK-405
Keypad/Trigger cable VC40xx-camera 10m	FV-KTK-410
Keypad Version 2.1	FV-KP-21
Keypad cable EXT2 (null modem) 5m	FV-NMK-105