EN

MX-Bus-IO-Module

Security-Vision-Systems MOBOTIX

Highlights

- Straightforward and quick camera connection via plug connector
- Connection of up to 5 peripheral devices per camera (e.g., MxBus device such as MX-GPS-Box, two sensors, two externally powered relays for lighting, garage door drive, blinds, etc.)
- Option: Use of two self-powered or two floating outputs
- Intelligent communication with cameras and MxBus modules in common network via MxMessageSystem

Technical Data

Model versions	MX-OPT-IO3-INT
Ambient temperature range	0°C to 40°C (32°F to 104°F)
IP protection class (DIN EN 60529)	None
Intended use	• Not for use in areas at risk of explosions • Only combined with MOBOTIX cameras p25, i25 and c25
Dimensions (L x W x D)	43 x 32 x 18 mm
Weight (without packaging)	10 g
Connectors for MxBus devices	1 (1 x 2 terminals)
Inputs	2 inputs (galvanically isolated; 0 V to 48 V DC)
Outputs	**Option 1**: 2 outputs (floating); max. capacity per contact: 30 W or 1 A or 48 V AC/DC **Option 2**: 2 outputs (12 V DC, max. 50 mA per output)
Configuration of inputs/outputs	Via camera software (available in web browser)
Max. power output at 12 V	1.2 W
Terminal specification	AWG26 to AWG21 (wire thicknesses supported at the terminal connectors)
LEDs	No
MxBus emergency operation	No
Power consumption	Typical 1 W
Housing	PBT GF30
Certifications	None, as only used as camera plug-in module
Specific information	• Note the MxBus power supply: Max. one additional module (e.g., GPS-Box), otherwise expand with BPA-Box (available soon) • Camera firmware required: 4.3.4.x and higher
MTBF	> 80,000 h