



**PROMON STREAMER G2** combines the features of a high-speed camera with a long record time stand-alone system. The small powerful fan-less controller with an external camera allows the system to be installed in locations where conventional systems are too large. The **PROMON STREAMER G2** controller stores up to 25min of high-speed video data. The system can be configured like a conventional PC System by connecting monitor, mouse, and keyboard or via remote Ethernet connection.

PROMON STREAMER G2 is ready for 24/7 operation. The trigger input is directly compatible to PLC logic or switch closing contacts. Data may be stored internally and can be transferred via network to a central archive.



**Direct to controller** – PROMON STREAMER G2 records and streams image data directly the controller storage without any interaction of a user. Data is instantaneously ready for future analysis or export to standard movie formats.



**Long recording times** – Recording times of minutes or even hours allow users to capture, analyze and archive a complete process in all detail, important in detecting trends, to catch sporadic and intermittently occurring incidents.



**Built for an industrial environment** – PROMON STREAMER G2 is a fan-less industrial controller with a small footprint. Start and Stop recording with your PLC – or switch closure.



**Image trigger / Event Marker** – Extends the versatility of your PROMON system by having the camera self-trigger or insert an event marker in the image sequence when an incident is visually detected.

## Camera / Sensor specifications

Resolution vs Frame Speed									Image Sensor	1984 x 1264 resolution 4.8 µm pixel size / 2/3" MONO and Color Sensor available
	1264	1200	1080	1024	800	720	640	480		
1984	139	146	162	170	216	239	267	349		
1920	143	151	167	175	222	246	275	359		
1280	206	151	217	252	318	350	390	507		
1024	250	263	290	305	383	422	469	606		
640	348	365	402	422	527	578	641	817		
USB3.0 Data connection, 7PIN Hirose IO Connector									Shutter Type	Global, independent of frame rate
									Exposure Time	User adjustable from 59µsec to 1/fps by software
									Dimensions Camera	30 x 30 x 30 mm / 80 gr

## Recording time

Storage	25 min, optional 100 min (at max res/speed)
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## PROMON STREAMER G2 Controller

Housing	Aluminium housing fan-less construction for industrial applications
I/O to BNC	Trigger / Sync In / Sync Out (depending on the configuration) 2x I/O configurable with AISv4 IO Mapping tool (set to record, event marker, download to NAS and others)
I/O	1x DisplayPort, 2x USB 3.0, 2x GigE Lan, 4x BNC
Control	Remote Desktop Protocol over Network or local connected Keyboard / Mouse / Monitor Sequence Download over Network (Timed by v4 or manual by user or triggered by event)
Power requirements	9V- 24V / 35W
Operating Temperature	0°C ~ 40°C
Dimensions	108mm(W) x 72mm(H) x 188mm(D) / weight 0.900 Kg

## Software

Software	Comprehensive Imaging Studio v4 software for parametrization, recording, playback and analysis of recordings is already installed in the controller. The software is free to install on as many PC for post-recording analysis.
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PROMON STREAMER G2 model uses camera connected externally in the following configuration:



Streamer with no internal camera, U1000 camera connected via single cable to Streamer Controller.  
3m, 5m, 8m Cable length

Technical specifications are subject to changes without prior notice / February Rev2.0

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