

VisionDevice IDC – IndustrialDashCam

The IndustrialDashCam is a remote monitoring camera for industrial environments, leveraging a FullHD sensor in a match-box form factor. The concept is similar to a dash-cam, adapted for industrial environments. As soon as an event for the configured Trigger Mode (e.g. digital start signal or missing heartbeat signal) comes up, a video for the specified time around that trigger event is saved to local storage. The Live-View and configuration presets available over Web-interface make the setup and design comfortable and straightforward.



Features

Sensor	1920 × 1080 pixels (Full HD) Monochrome or color Global shutter		
Lens	Focal length:	6 mm	9 mm
	Field of View:	55° × 41°	38° × 22°
LED lighting	Four white high-brightness LEDs, synchronized with shutter		

Recording

File Format	MPEG4 (H.264)		
Mass Storage	≥ 32 GB		
Framerate	FULL HD:	≈ 60 fps (mono)	
	VGA:	≈ 180 fps (mono)	
	QVGA:	≈ 370 fps (mono)	
Recording Time	≤ 20 s: past, future or a mix of both		
Trigger Modes	Regular mode:	Video is recorded when the digital input signal raises	
	Heartbeat mode:	Video is recorded when the Heartbeat signal is lost	
	AutoTrigger mode:	Recording is started after a threshold of change is reached within a ROI	
Live View	Available via Web-interface		
Overlay	On / Off (VisionDevice's ID & time stamp)		

Interfaces

Ethernet TCP/IP, FTP	1000 Mbit/s		
Digital I/O	2 × Input, 4 × Output		
Power Supply	24 V DC / (21 V ... 28 V)		
Status LEDs	1 × Ethernet / 1 × Power		

Mechanical

I/O & Power Cable	0.5 m cable with M12 8-pin connector
Ethernet Cable	0.5 m cable with M12 8 pin X-coded connector
Dimension W × D × H	45 mm × 53 mm × 25 mm
Weight	125 g (including cables)
Temperature Range	+5 °C ... +45 °C
Mounting	4 × M3
International Protection Class	IP6X (DIN EN 60529:2014)

Dimensional Drawing

