



AI Multicam

HW-MC-AIM4



OVERVIEW

AI Multicam delivers live 360° visibility and insights directly into the Samsara cloud as well as real-time risk detection alerts on an in-cab monitor from up to four auxiliary high definition (HD) camera feeds.

This device empowers fleets to:

- Prevent incidents before they happen with live AI detections and 360 visibility on all camera feeds
- Resolve incidents with total clarity, optional audio, and an enhanced footage retrieval experience

HIGHLIGHTS

- **Full-vehicle HD visibility:** Mount up to four auxiliary cameras anywhere on the vehicle to capture 1080p video and optional audio on all streams
- **Real-time AI detection:** Receive in-cab audio alerts and visual cues on an in-cab monitor for pedestrians, cyclists, and other risks
- **Comprehensive footage retrieval:** Download extended 10-minute video and audio recording and access up to months of footage history
- **Unified platform experience:** integrates with Samsara's cloud dashboard for streamlined incident review, alerting, and video retrieval
- **Hardware choice:** Use Samsara or compatible third-party cameras and monitors to match your fleet's needs

IN THE BOX

- AI Multicam Hub (HW-MC-AIM4)
- AI Multicam Cable Harness (CBL-MC-AIM4)

SAMSARA 360 VISIBILITY BUNDLE

The AIM Multicam Hub can be used with the Samsara 360 Visibility camera and monitor bundle configured to the needs of vehicle use cases.

- **Side Camera: Mirror Mounted or Body Mounted**
 - Low-profile, ruggedized design suitable for vehicle exterior (i.e., blind spot coverage, extra road visibility) or interior (i.e., cargo monitoring, passenger safety)
- **Rear Camera**
 - Ruggedized design suitable for external rear-facing coverage or specialized locations (e.g., waste management hopper, mechanical arms, etc.)
- **7" In-cab Analog HD Monitor**

Note: AI Multicam works seamlessly with Samsara and compatible third-party hardware

Technical Specifications

STORAGE AND COMPUTE

EDGE PROCESSING	Real-time AI detections with high-capacity ML processor
STORAGE	Up to 40 hours of high resolution and 120 hours of secondary extended video Based on four 1080p audio enabled cameras
OPTIONAL ADDITIONAL STORAGE	An additional 180 hrs of high resolution and 500 hrs of standard resolution video with an optional 1TB microSD card The device can support a wide range of industrial micro SD card options from 256GB to 1TB
AUTOMATIC UPLOAD	Critical safety events containing all camera streams uploaded automatically to Samsara Safety Inbox
ON-DEMAND UPLOAD	High definition video recordings from every recording camera stream available via cloud dashboard Up to 1-minute high-resolution video with audio Up to 10-minute secondary extended video with audio Up to 40 minutes of drive time as hyperlapse video

CAMERA VIDEO INPUT & MONITOR OUTPUT

VIDEO SIGNAL	AHD/NTSC/PAL
NUMBER OF CAMERAS	Up to four 1080p/720p/CVBS AHD cameras
VIDEO CONNECTORS	4x 4 pin GX12 male input, 1x 4 pin GX12 female output

AUDIO

AUDIO INPUT	Optional audio capture on all connected audio enabled cameras
IN CAB ALERTS	Optional in-cab coaching and feedback for critical safety event will be delivered via the AI dashcam This device does not have a speaker

MOUNTING, ENCLOSURE, AND POWER

DIMENSIONS	AI Multicam Hub: 187mm x 127mm x 43mm (7.36" x 5" x 1.69") AI Multicam Cable Harness: <ul style="list-style-type: none">• USB and power: 4m (13ft)• Trigger and display output: 2m (6.56 ft)
MOUNTING	4x M4 self-drilling screws included 2x 550mm cable ties included Recommended mounting location same as or similar to location of the Samsara Vehicle Gateway
POWER	9-36V DC Power draw: 90mW (sleep) to 48W (peak); normal operation at 25W AI Multicam Hub needs to be directly connected to an always on power source within the vehicle
OPERATING TEMP	-40°C to 70°C
STORAGE TEMP	-40°C to 85°C
HUMIDITY	5% - 85% (non-condensing)
SALT FOG	MIL-STD-810H 509.7
INGRESS RATING	IP67 and IP69K
SHOCK	ISO 16750-3. 6-axis, 50G

VIBRATION	ISO 16750-3 Method 4
ENCLOSURE MATERIAL	UV-stabilized polycarbonate