

MC-K25

Smart Camera Expansion Box

MettaX MC-K25 Smart Camera Expansion Box is designed for in-vehicle video surveillance and intelligent image recognition. Powered by a high-performance NT98321 processor and an embedded OS, it supports advanced technologies like H.264/H.265 video compression. It integrates multiple functions, making it highly versatile — such as 4-channel 1080P AHD camera input, 2-channel AHD video output, 4-channel BSD monitoring with local driver alerts, and DMS fatigue driving assistant.



Key Features



Supports up to 4-channel AHD video input



Selectable H.265 or H.264 video encoding



Supports expansion of local video recording for existing Dashcam or MDVR systems



Compatible with TF cards up to 512GB



External connection to an audio-visual alarm or speaker



Highly expandable design

Product specifications

Video Input	4x AHD 1080P Channels
Video Output	1x AHD 1080P/720P Output
Audio Output	1 Channel, Via M12 Connector
Video Codec	H.264 Main Profile / H.265
Resolution Options	1080P / 720P / D1
Audio Codec	Default G.711A
Storage	1 × TF Card (microSD)
Wired Network	1 × RJ45 (100M)
Serial Port	1x RS232, for Alarm Data Output
I/O Ports	1 Alarm Input, 2 Alarm Outputs
Connectors	2x M12 6-Pin for Video Input, 1x M12 4-Pin for Video Output
Audio Interface	1x M12 4-Pin, for External Speaker (Alarm Sounds)
Dimensions	104mm (L) × 71.2mm (W) × 24.8mm (H)
Weight	0.5 kg
Operating Temp	−20°C to +70°C
Humidity	8%–90% (Non-Condensing)
Control Modes	Mobile App, Web
AI Algorithm Support	Driver Recognition, BSD, ADAS, DMS