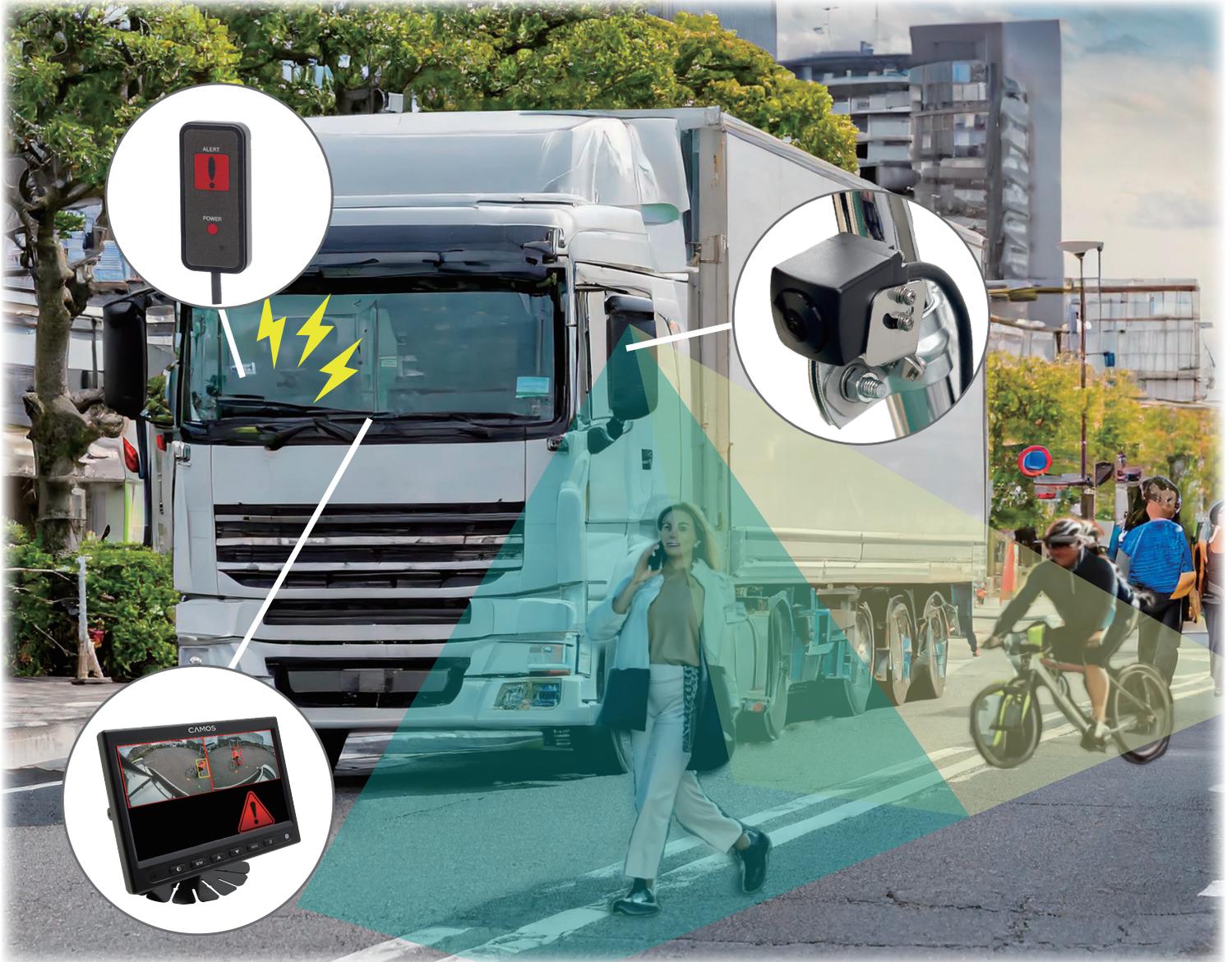# Turn Collision Warning System
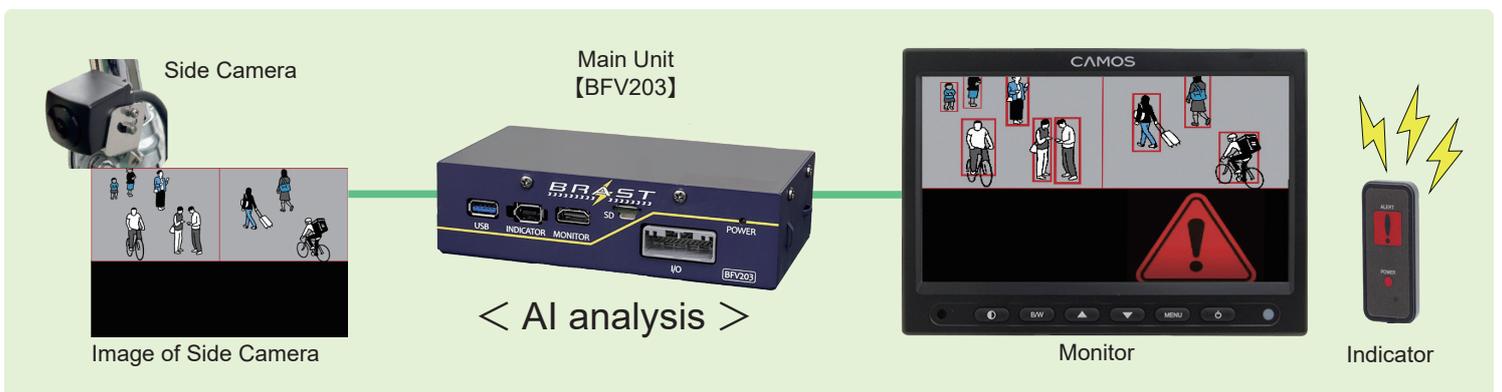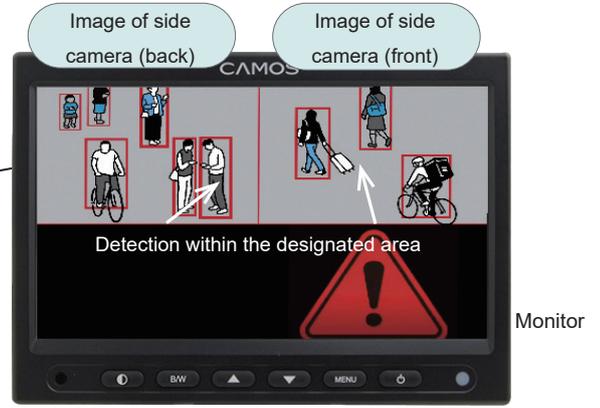
BFV203

BRAST

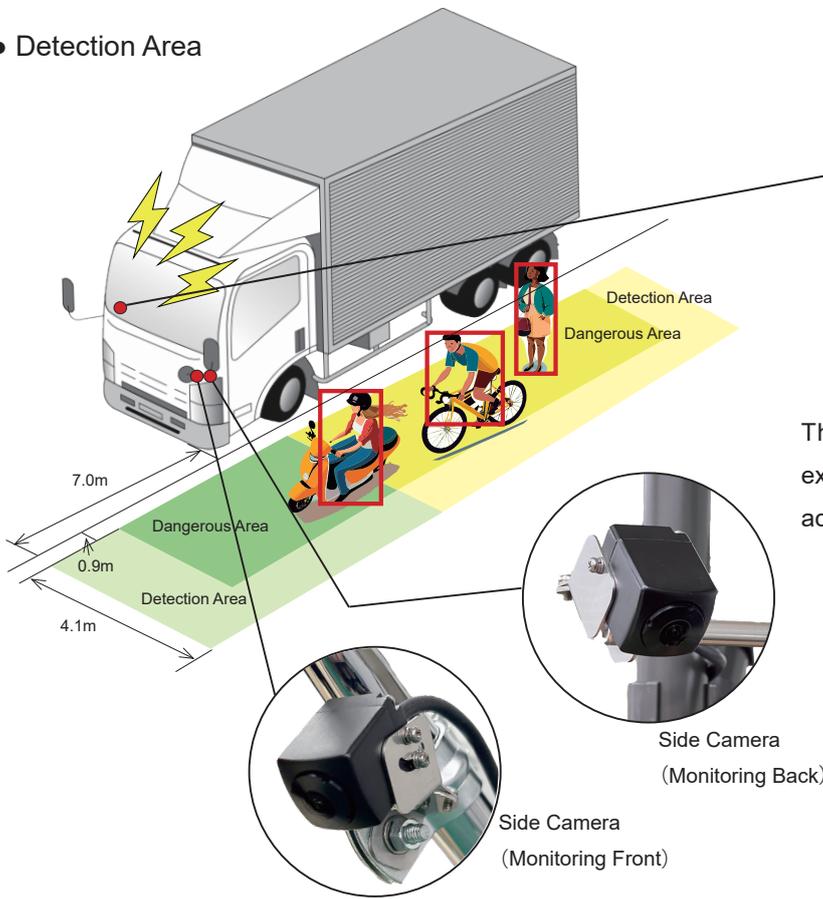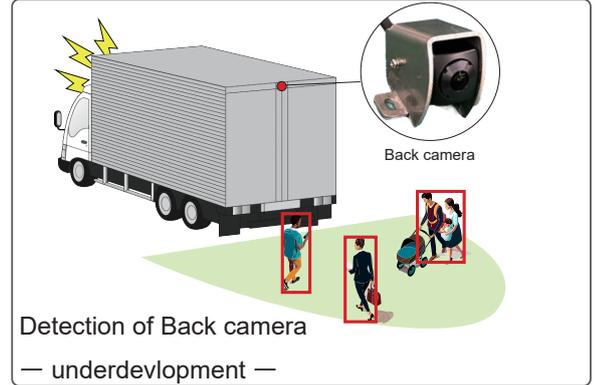BFV 203 detects pedestrians,bicycles and motorcycles in the dangerous area.

Real-time camera footage analysis using our advanced AI technology.

It alerts the driver using sound,lights,and camera footage to help drive safely.

Side Camera

Main Unit
【BFV203】

BRAST

USB   INDICATOR   MONITOR   POWER
              I/O   BFV203

Image of Side Camera

< AI analysis >

CAMOS

Monitor

Indicator

● Detection Area

Image of side camera (back)

Image of side camera (front)

Detection within the designated area

Monitor

Detection Area

Dangerous Area

7.0m

Dangerous Area

0.9m

Detection Area

4.1m

Side Camera
（Monitoring Back）

Side Camera
（Monitoring Front）

The detection area adjusts based on vehicle speed and expands during low-speed left turns when the turn signal is activated.

Back camera

Detection of Back camera
— underdevlopment —

● Specifications （Dimensions and weigt exclude mounting brackets ）

Model		BFV203
Composition		Main Unit , 2 side camreas, Monitor,Indicator
Main Unit	Power Supply	12V ／ 24V
	Power Consumption	6W ～ 7W
	Dimension	156 (W) × 48(H) × 112(D)mm （raised selection exclude）
	Camera Input	NTSC：2ch Mounting Angle：-35° ～ -55°
	Monitor Output	NTSC：1ch
Side Camera	Angle of View	138(H) ／ 103(V) ／ 169(D)
	Dimension	23(W) × 23(H) × 32.6(D)mm ／ Approx. 54g
	IP	IP69K
Monitor	Model	CM-710
	Power Consumption	450mA（DC12V）
	Dimension	174(W) × 125(H) × 27(D)mm ／ 500g (monitor body)
	Screen Size	7 inch
	Image Method	NTSC
Indicator	Dimension	35(W) × 75(H)× 12(D) ㎜
	Material	ABS resin
	IP	IP30(Non-Waterproof)

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