

Forklift Safety Assistance System

BFV202



Our advanced AI technology enables real-time analysis of camera footage. Alerts the driver with sound, light, and real-time images to support safe driving. Detected workers also receive audible warnings. Easy retrofit for existing forklifts.

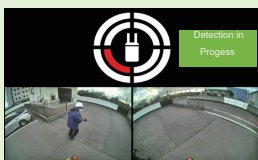


Camera

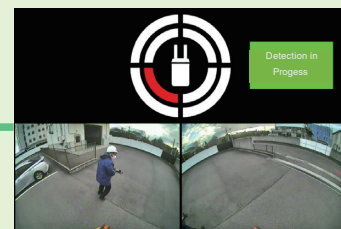
Main Unit
【BFV202】



< AI analysis >



Camera image



Monitor



Speaker
(option)

★ Detection area ★

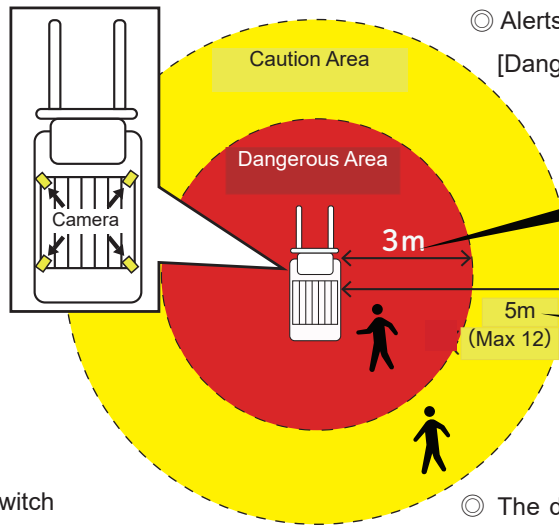
◎ Recording function installed

◎ Customizable detection area

◎ Camera & area settings adjustable via table, PC, etc

◎ 4cameras detect in all direction

Two front and two rear cameras switch according to the direction of movement

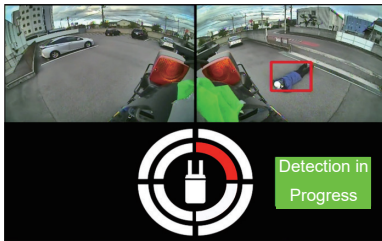


◎ Alerts with different sounds for [Dangerous Area] & [Caution Area]

◎ High-sensitivity camera for night use

◎ The detection range of dangerous and caution areas adjust to the forklift's speed and turning direction

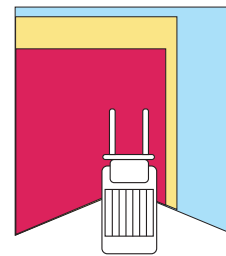
Front Camera Display



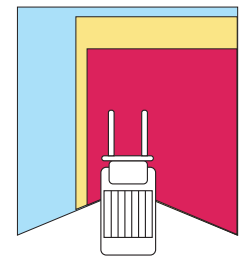
Back Camera Display



High-speed left turn



High-speed right turn



★ Specifications (dimension and weight exclude mounting brackets)

Model	BFV202L / BFV202H			
Composition	Main unit, 4 camera , monitor and speaker(option)			
Main Unit	Power Supply	DC9 ∼ 30V (BFV202L) DC9 ∼ 90V (BFV202H)	Outer Dimension	156(W) × 48(H) × 112(D)mm (raised section exclude)
	Interface	digital input : 1 channel (back gear signal) voltage : based on input voltage digital output : 1channel (warning output signal) voltage : based on input voltage Wi-Fi : Dual-band 802,11ac. 2x2 MU-MIMO	Power Consumption	6W ∼ 7W
			IP/Material	IP33 / stainless
			Operating Ambient Temp.	-30℃∼ +60℃
			Storage Temp.	-30℃∼ +80℃
	Recorder Function	Maximum numbers of recording frame : 10fps Recording data storage period : about 5 days ※ Assuming 8hours of forklift operation per day, it will vary with dailly usage time	Camera input	NTSC : 4ch mounting angle : -35° ∼ -55°
			Monitor output	NTSC : 1ch
Camera	Dimension	23(W) × 23(H) × 32.6(D)mm / Approx. 54g	Angle of View	138(H)/103(V)/169(D)
	Operating Ambient Temp.	-20℃∼ +70℃	IP	IP69K
Monitor	Model	CWM-701	Power Consumption	6W
	Dimension	181(W) × 134(H) × 28(D)mm / 860g	IP	IP67
	Operating Ambient Temp.	-10℃∼ +60℃	Screen Size	7 inch
Speaker (option)	Dimension	diameterΦ152mm × length 178mm	Weight	1.2 kg
	IP	IP65	Operating Temp. Range	-20℃∼ +55℃

- Specification may changed without notice.
- This equipped content is as of July 2025.(2507-02)

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