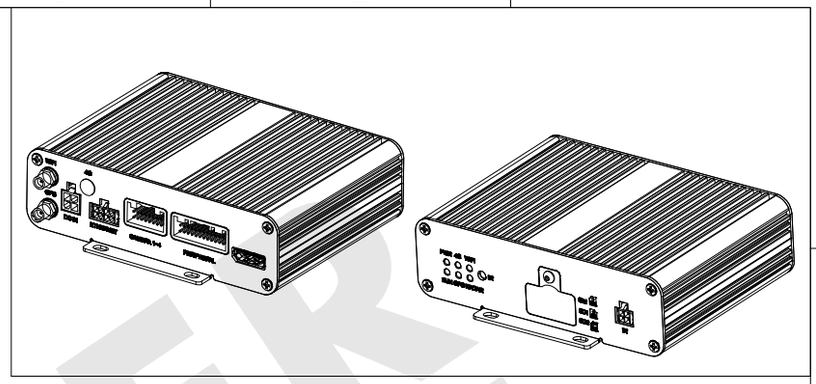
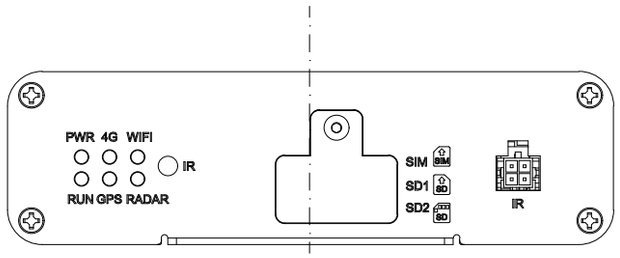
360° vision system:

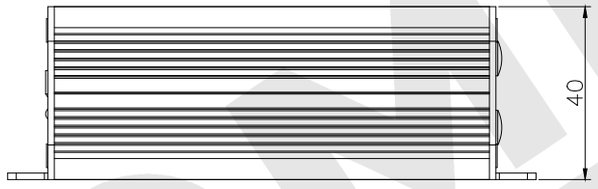
Video input	Max.4CH×1080P@25fps/1080P@30fps
Display mode	2D/3D
Resolution	1080P
Frame Rate	25/30
Storage	Max. 2×512GB SD card
Compressed encoding	Max. 4CH×1080P H.264 encoding
Code stream	4MB/2MB
Power supply	10–32V
Operating voltage range of external trigger signal	10–32V
Operating current	<2A/12V
Operating temperature	−20°C ~ 70°C
Storage temperature	−40°C ~85°C
Operating humidity	10%–90%

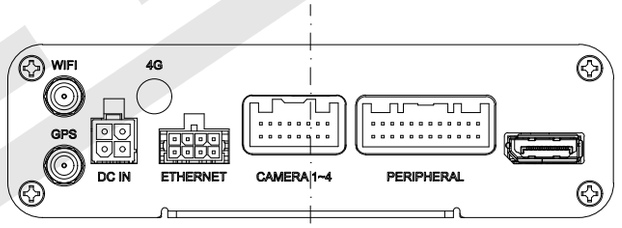
Radar system:

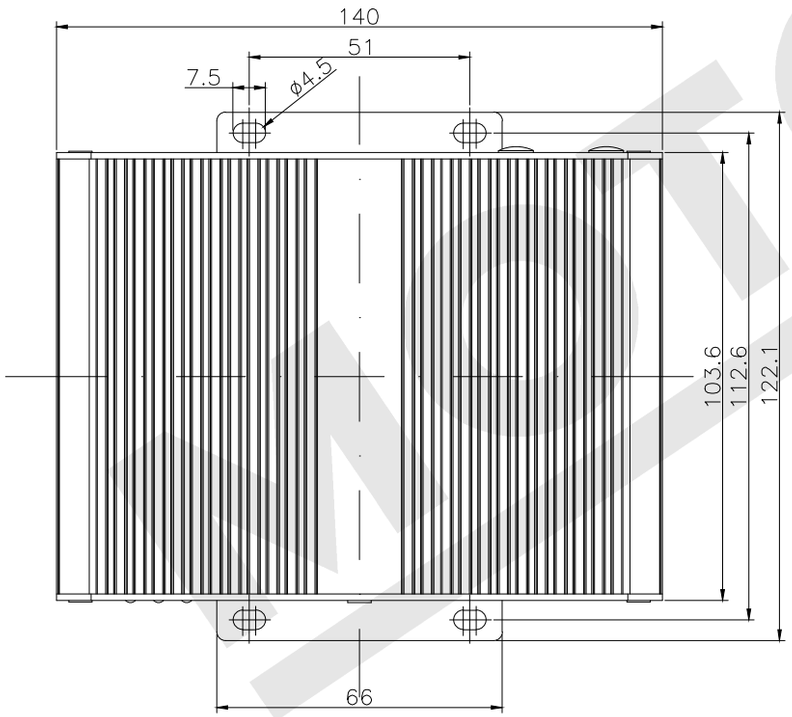
Operation Frequency	76.00 ~ 77.00GHz
Transmitter Type	FMCW
Power Supply	10 to 32V DC
Detection Range	Detection length limit 0.2~40m, up to 5 detection zones (distance of each zone can be configured)
Detection Zone Visualization	Green (furthest), Yellow(middle), Red (closest)
Detection Tolerance	+/− 15 cm
Antenna Beam Angle	120° (Horizontal), 14° (Vertical)
Trigger Input ×1	Trigger from vehicle, high active Range above +10Vdc, up to supply voltage
Alarm Output ×1	Switched to Ground when activated Loading up to 1.0A
Video format	720P 25fps/30fps, 1080P 25fps/30fps
Wi−Fi module	2.4GHz(Option)
Operating Temperature	−20 ~ +70°C
Storage Temperature	−30 ~ +80°C
Waterproof rating	IP69K (sensor),IP66(Control Box)
Anti−vibration	ISO 16750−3 2012(5.9G)
Dimensions	Sensor: 106.6(W) ×72.9(H) ×34.5(D) mm Control Box: 152.6(W) ×89.2(H) ×53.8(D) mm
Weight	158.8Grams (sensor), 240Grams (control box)
Mounting	Two (4.5mm) diameter mounting holes (sensor) Four (6mm) diameter mounting holes (control box)











Technical Requirements

1. Operating voltage range: 10V~32V;
   Operating temperature: −20℃~+70℃.
2. Video Input: Maximum 4 x 1080P HD analog signals; 2 x digital signals.
3. Storage: Maximum 2 x 256GB SD card for data storage.
4. Shockproof: MIL−STD 810G shockproof.
5. WIFI and GPS functions are optional.

all	ⓐ	original drawing	04.09.24	M.Sz
pos.	ind.	kind of modification	date	name

MOTOMETER

date	04.09.24
sig.	S.Müller
rev.	
pass.	P.Koffler - 12.01.2026

for dimensions without tolerance indication: DIN ISO 2768 vL

customer number:

description:

Control unit

scale: -

drawing number: 673 003 0001

MOTOMETER