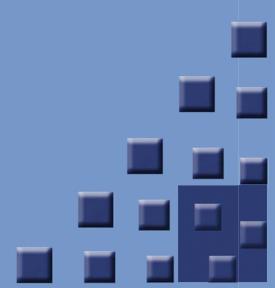
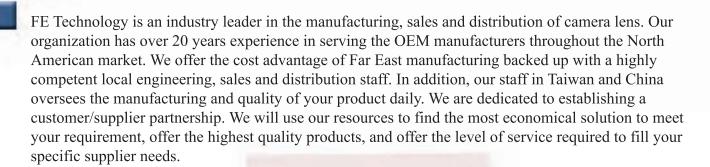


Custom Designs
Ultra Wide Viewing Angles
Total Thermal Management
High Quality, Heavy Duty





FE Technology Inc. OEM Manufacturing Specialists



PRODUCTS: We primarily manufacture custom Camera Lens to meet our customer's specific requirements. We work with our customers to establish specs that will meet the needs of their application and the environment in which it will be used. Our local engineering and sales staff will work with you every step of the way to achieve the most economical design. Once the specifications have been established, we will quote the tooling required to manufacture your product at the anticipated production rate. Our factory will build samples from the tooling for you to inspect, testing and approve the tooling sample. If required, we will work with you to make any tooling modifications required to insure the prodect reliability, meet all functional, and environmental requirements of the specific application.

SHIPPING: We currently offer two shipping points for JIT delivery - Ohio and California. We understand the importance of JIT scheduling and we are prepared to work with our customers on specific shipping and warehousing needs, as required. We can also ship direct from our China and Taiwan factories for those customers who require this service.

QUALITY: Our factory is ISO certified to ISO 9002. Our factory QA department is highly trained and prepared to offer any QA reports required from IQC through to Final QA. We understand the importance of the high quality required and expected by our customers. We place the highest priority on quality and insuring that you receive a quality product. In addition to our factory QA testing and procedures, we also do QA at our USA warehouse to doubly insure that nothing has been missed at the factory or insure that product has not been damaged while in transit from the Far East.

SERVICE: In today's market, service distinguishes the supplier who is truly an extension of your Engineering, Purchasing and Production departments. We recognize the necessity for service and are always available to provide this vital link.



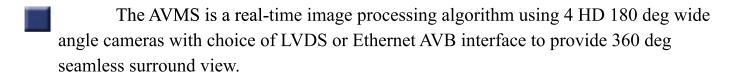
Sales & Engineering
Phone: 937-898-9472
Fax: 937-898-9473





INTELLIGENT CAMERA MODULE

Around View Monitor System (AVMS)

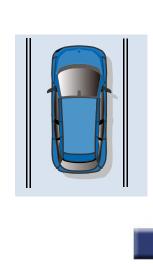


2D/3D AVMS System

Features:

- 1. Seamless 360 ° AVM
- 2. Auto Calibration (within 30 sec after calibration button)
- 3. Auto Correction on Color and Brightness
- 4. Real Time Calibration
- 5. Supports Recording Function
- 6. Product Interfaces:
 - •2D/3D 720p resolution LVDS Interface AVM
 - •2D/3D 720p resolution Ethernet Interface AVM

Items	LVDS Camera (Option 1)	Ethernet AVB Camera (Option 2)
Sensor Pixels Array	1280(H) x 800(V)	1280(H) x 960(V)
Power Supply	5VDC 10%	+8VDC ~ +32VDC
		(Typ.: +12VDC)
Maximum S/N Ratio	41dB	43.9dB
Video Output Format	YUV422 10bit	H.264/ MJPEG
F No.	2.0	2.1
View Angle	H: 190°±3% ;	H: 180°±3% ;
	V:115°±3%	V:120°±3%
Relative Illumination	50 %	50 %
Operation	-40 ~ +85°C	-40 ~ +85°C
Temperature		
Storage Temperature	-40 ~ +105°C	-40 ~ +105°C
Dimension (mm)	24*24*29	35.1*35.1*51.6 ±0.2
	(W/O BKT)	(W/O BKT)
Waterproof Grade	IP69K	IP69K





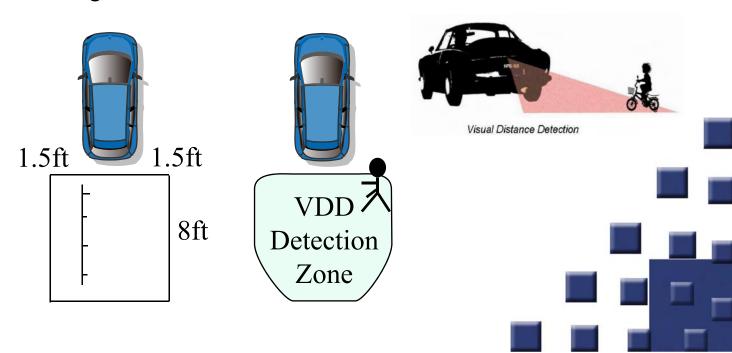
INTELLIGENT CAMERA MODULE

Visual Distance Detection (VDD)

The VDD technology uses one highly integrated camera to detect moving objects and calculate the object distance through real-time image processing. The system can detect multiple objects and display distance to the neatest one. With the integration of the added laser technology, the VDD camera is able to provide safety under low light environment.

Items	LVDS Camera (Option 1)	
Vehicle Speed:	< 3 mph	
VDD Region:	8in → 8ft with lateral 3ft terms of vehicle width	
Object Minimum Height:	11 inches	
Response Time :	< 0.2 second	
VDD Limitation :	Luminance >10 Lux	
Field of View :	140 Degree	

- 1. Camera provides view and distance
- 2. No ultrasonic sensors
- 3. Multiple object tracking & Detection
- 4. Integrate VDD with Alarms





LENS TECHNOLOGY

Super Hydrophilic Coating Technology

Advanced coating prevents water droplets from forming, beading, or ahereing onto the lens surface. This coating keeps the view clear and free form destracting debris.

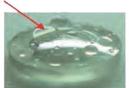
Features:

- 1. Anti-fogging
- 2. Super hydrophilic coating technology
- 3. High adherence coating
- 4. Excellent stability and durability
- 5. Excelent anti-scratch performance

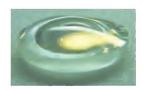
Regular coated lens

Water Droplets

Hydrophilic coated lens



V.S.



Camera with regular lens	Camera with coated lens	
Display image (regular lens)	Display image (coated lens)	



PRODUCT PROFOLIOS

Optical Products

195 dergee Ultra Wide Angle Lenses VGA to 5 Mega Pixel Leneses High Temperature Resistance Plastic Coated Lenses Functional Coatings - AR, Hydrophilic, Carbon



Vehicle Camera Products

Wide-Angle Vehicle Cameras
HDR Vehicle Cameras
AVMS Vehicle Cameras
LVDS Mega-Pixel Vehicle Cameras
Ethernet AVB Vehicle Cameras





Camera Module Products

Intelligent Camera Modules ATM Camera Modules Door Phone Camera Modules IP-CAM Modules Home Appliance Camera Modules



ODM Camera module











VEHICLE CAMERAS

VP2231 Heavy Duty IR-LED Camera for Bus RVC or DVR Applications

Specification:

- 1/3.6" CMOS Sensor
- PAL output, NTSC model available
- FOV (H)135; (V) 98°
- Lens: 5G+IR, F=2.0
- Dynamic Range: 74.8dB - Low-Light: 50 IRE/0.5Lux
- IR-LED: 4 High Power LED (Optional)
- Water-Proof: IP68
- Operating Temp: -25 ℃~+75 ℃
- IR Filter: Visible & 850 nm
- Dimension(mm): 43*39*41.01 (L*W*H)



VN2259 High Quality Rearview Camera

Specification:

- 1/3.6" CMOS Sensor
- NTSC Output
- FOV (H): 142°, (V):118°
- Lens: 2G2P+IR, F=2.2
- Dynamic Range: 71dB
- Low-Light: 50IRE/0.5Lux
- Water-Proof: IP68
- Operating Temp.: -40 ℃~85 ℃
- Dimension(mm): 23.7 x 23.7 x 24.81 (L*W*H)

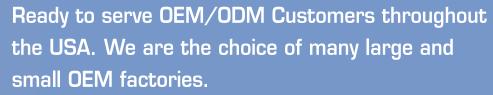








FE Technology Inc.



EXPERIENCE: 20 years serving the USA market

RESPONSIVE: We can review and respond to your specs, sometimes overnight. We can expedite manufacturing and shipment of your products.

QUALITY: With our highly trained factory staff and local QC and QA, we doubly insure the quality of the product you receive.

SERVICE: In today's market, service distinguishes the supplier who is truly an extension of your Engineering, Purchasing and Production departments. Our goal is to be an integral part of your organization and be considered an "external, but connected, function" of your company.

OTHER PRODUCTS FROM FE TECHNOLOGY

POWER ADAPTERS AC/DC AC/AC Switching Smart Chargers

POWER SUPPIES Desk Top Wall Mount Open Frame

CUSTOM OEM CABLES Molded Assembled OBD USB 1394

CUSTOM HARNESSES Built to customer specifications

ANTENNAS Molded Steel PCB Ceramic

CUSTOM KEYPADS Rubber Silicone Membrane

TELCO PRODUCTS Jacks Cords CAT5 CAT6

PCB ASSEMBLY Design Layout SMT Thru-hole

TURNKEY PRODUCTION Concept to Large Scale Production

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