FRONTLINE VISION

TECHNOLOGY FOR A SAFER TOMORROW

FIRE PROTECT



See the Threat. Make Safer Decisions. Protect Lives.

Advanced sensing, environmental intelligence, personnel safety and aerial firefighting technologies for safer, smarter fireground operations.

01 SEE THE UNSEEN

FIREGROUND INTELLIGENCE SOLUTIONS



THERMAL IMAGING

See Through Smoke. Identify Hidden Threats.

- Handheld thermal imaging cameras
- Vehicle-mounted thermal cameras
- PTZ thermal monitoring systems
- Locate hotspots and fire spread
- Search and rescue in zero visibility



ENVIRONMENTAL MONITORING

Detect Hazards Before They Escalate.

- Handheld weather meters
- Tripod-based weather stations
- Multi-gas detectors
- Hazardous environment monitoring systems
- Real-time environmental risk alerts



PROTECT THE TEAM

Every Firefighter Accounted For.

- PASS personal safety devices
- Electronic command board
- Personnel tracking and location
- Real-time status monitoring
- Emergency alerts and distress alarm



AERIAL & ROBOTIC OPERATIONS

Extend Your Reach. Reduce Exposure.

- Firefighting and reconnaissance UAVs
- Thermal imaging and visual payloads
- Aerial fire assessment and mapping
- Vehicle moving robot for emergency access
- Support suppression and vehicle removal in high-risk areas

02 REAL-WORLD APPLICATIONS

PROVEN IN DEMANDING ENVIRONMENTS



FIREGROUND VISIBILITY

Locate hotspots, identify victims and navigate through smoke.



HAZARD DETECTION

Monitor hazardous gases, weather conditions and environmental risks.



FIREFIGHTER SAFETY

Track personnel, monitor safety status and improve accountability.



AERIAL & ROBOTIC RESPONSE

Support fire reconnaissance, suppression and vehicle removal in difficult-to-access areas.

SENSE SEE THE THREAT

UNDERSTAND KNOW THE RISK

ACT PROTECT LIVES

PEOPLE | TECHNOLOGY | A SAFER WORLD

FRONTLINE VISION

TECHNOLOGY FOR A SAFER TOMORROW

RESCUE | FIND

MULTI-SENSOR INTELLIGENCE FOR FASTER, SAFER SEARCH AND RESCUE

Aerial Rescue Craft
Airborne search & rescue
Rapid deployment
Life-saving in high-risk areas

Slope Radar
Landslide monitoring
Early warning
100 m range

Telescopic Lighting & Thermal Imaging
Scene illumination and situational awareness

Thermal Imaging & Search Camera
Locate survivors in collapsed structures

FV-RESQ REACH 360
Telescopic search camera for confined spaces



01 INTEGRATED SEARCH & RESCUE SOLUTIONS

FIVE KEY TECHNOLOGY AREAS

01 LIFE DETECTION & SEARCH

Locate Survivors.
Reach the Unreachable.



- Through-wall life detection radar
- Seismic & acoustic sensors
- 3D void detection systems
- Telescopic search cameras
- Multi-sensor search in collapsed structures

02 STRUCTURAL SAFETY & ENVIRONMENTAL MONITORING

Monitor Hazards.
Prevent Secondary Disasters.



- Structural movement monitoring
- Slope and landslide radar
- Weather monitoring (wind, temp, humidity, etc.)
- Multi-gas and toxic gas detection
- Hazardous environment monitoring
- Real-time risk alerts

03 THERMAL IMAGING

See Beyond Smoke.
Detect Hidden Threats.



- Handheld thermal imaging cameras
- Vehicle-mounted thermal cameras
- PTZ thermal monitoring systems
- Locate hotspots and fire spread
- Search and rescue in low visibility

04 TEAM SAFETY & COORDINATION

Every Rescuer Accounted For.



- PASS personal safety devices
- Electronic command board
- Personnel tracking and location
- Real-time status monitoring
- Emergency alerts and distress alarm

05 WATER DETECTION & RESCUE

Extend Rescue Reach.
Operate on and below Water.



- Aerial rescue craft (flying life buoy)
- Self-deploying intelligent rescue boat
- Underwater sonar & scanner
- Search for missing persons on water
- Remote operation to reduce risk

02 REAL-WORLD APPLICATIONS

PROVEN IN DEMANDING ENVIRONMENTS



URBAN SEARCH & RESCUE
Locate trapped survivors in collapsed structures.



STRUCTURAL & HAZARD MONITORING
Identify structural instability and environmental risks.



RESCUER SAFETY & COORDINATION
Track personnel and improve operational effectiveness.



WATER SEARCH & RESCUE
Find and rescue victims in rivers, lakes and flood environments.

SENSE
SEE THE THREAT

UNDERSTAND
KNOW THE RISK

ACT
SAVE LIVES

PEOPLE | TECHNOLOGY | A SAFER WORLD

FRONTLINE VISION

TECHNOLOGY FOR A SAFER TOMORROW

TACTICAL | RESPOND

REAL-TIME INTELLIGENCE FOR SAFER, SMARTER OPERATIONS



01 INTEGRATED TACTICAL RESPONSE SOLUTIONS

FIVE KEY TECHNOLOGY AREAS

01 OBSERVE

See Further. Operate Day & Night.



- EO/IR Surveillance Systems
- Vehicle-Mounted Searchlights
- UAV Thermal Imaging Payloads
- Long-range day & night surveillance
- Perimeter monitoring and overwatch

02 DETECT

Detect Hidden Threats. Reduce Uncertainty.



- Through-Wall Radar
- Tactical Thermal Imaging Cameras
- Detect movement behind walls
- Assess concealed spaces
- Support building reconnaissance

03 EXPLORE

Send Robots First. Keep Operators Safer.



- Tactical Robotic Dog
- Thermal Imaging & Radar Payloads
- Remote reconnaissance in high-risk areas
- Inspect confined and hazardous spaces
- Real-time video and situational feedback

04 PROTECT

Monitor Risks. Protect Every Operator.



- Gas Detection Systems
- PASS Devices
- Helmet-Mounted Thermal Imaging
- Personnel safety and distress alerts
- Hazardous environment monitoring

05 COMMAND

Connect Every Asset. Coordinate Every Move.



- Mobile Command Vehicles
- Counter-UAS Systems
- Tactical Communication Systems
- Real-time situational awareness
- Multi-platform coordination

02 REAL-WORLD APPLICATIONS

PROVEN IN DEMANDING ENVIRONMENTS



TACTICAL SURVEILLANCE

Long-range observation and threat assessment during day and night operations.



BUILDING RECONNAISSANCE

Detect concealed threats and assess complex structures before entry.



REMOTE RISK ASSESSMENT

Deploy robotic platforms into dangerous or hard-to-access environments.



TACTICAL COMMAND & CONTROL

Integrate intelligence, communications and personnel information for coordinated operations.

SENSE SEE THE THREAT | **UNDERSTAND** KNOW THE RISK | **ACT** SAVE LIVES

PEOPLE | TECHNOLOGY | A SAFER WORLD

FRONTLINE VISION

PEOPLE | TECHNOLOGY | A SAFER WORLD

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in conjunction with FiSAC

ENGINEERED FOR THE FRONTLINE.

ADVANCED SENSING. INTELLIGENT RESPONSE.
GLOBAL PARTNERSHIPS.

Advanced Technology for Complex Challenges.



01 ABOUT US

INNOVATION WITH PURPOSE

Frontline Vision is a Singapore-based technology company specialising in advanced sensing, intelligent monitoring and mission-critical solutions for Fire & Rescue, Public Safety, Homeland Security, Defence and Critical Infrastructure.

We bring together specialised technologies, industry expertise and international partnerships to develop practical solutions that improve situational awareness, operational efficiency and personnel safety.

ADVANCED SENSING
See Beyond the Visible

SYSTEM INTEGRATION
Connect Technologies

MISSION-FOCUSED
Protect People & Assets



02 PARTNER WITH US

LET'S BUILD BETTER SOLUTIONS



We believe the most effective solutions are built through strong partnerships. Frontline Vision welcomes technology innovators, OEM manufacturers, distributors and system integrators to explore opportunities in product development, technology integration and market expansion.

OEM & TECHNOLOGY PARTNERSHIPS
Product development, technology sourcing and integration

DISTRIBUTION PARTNERSHIPS
Regional representation and market development

CUSTOMISED SOLUTIONS
Application-specific product adaptation and system integration

STRATEGIC COLLABORATION
Joint innovation and long-term business opportunities

03 JOIN OUR TEAM

BUILD TECHNOLOGY THAT MATTERS

We are building a team of passionate professionals who believe technology can make a real difference. Join us in developing and delivering innovative solutions for people working in the world's most demanding environments.

Your Skills. Our Mission. A Safer World.



ENGINEERING & PRODUCT DEVELOPMENT
Hardware, software and system integration

BUSINESS DEVELOPMENT & PARTNERSHIPS
International sales, channel development

FIELD APPLICATIONS & TECHNICAL SUPPORT
Customer training, deployment and after-sales

LET'S CREATE A SAFER TOMORROW.

Explore our technologies. Partner with us. Join our mission.

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