

Traffic Control & Autonomous Driving

Pedestrian Tracking,
Driver Assistance, Traffic
Sign detection, Vehicle Tracking
Autonomous Driving

Person; car; bus; train; motorbike; airplane; scooter; truck;
ferry; bicycle; boat; schooner; school bus; van; kayak;
helicopter; helmet; traffic light; tree; fire hydrant; street sign;
parking meter; steering wheel; skateboard; snowboard;

MOD-2022



Smart home devices, Smart
Kitchen Appliances, Elderly
assistance, User safety

Person; umbrella; bench; hat; backpack; frisbee; sportsball;
kite; ladder; knife; plate; spoon; cup; frying pan; pan; stove;
bottle; sink; refrigerator; scissors; dining table; fork; bowl;
microwave; toaster; blender; donut; pizza; orange; ice
cream; carrot; hot dog; cake; strawberry; fried egg; grapes;
burger; lemon; spaghetti; sushi; tomato; banana; apple;
cauliflower; capsicum; pomegranate; pie; pineapple; mango;
potato; beans; fries; pumpkin; sandwich ; broccoli; onion;

Robot assistance, Smart Home
and Kitchen, Robot
companions, Safety Monitoring

Person; pen; ipod; clock; shoes; keyboard; laptop; mouse;
books; desk; keys; bag; fan; cellphone; vase; camera; table;
tv_monitor; potted plant; eye glasses; tie; suitcase; door;
stapler; calculator; head phones; video projector;
screwdriver; cat; dog; mice; cockroach; spider; toilet seat;
bathtub; hair dryer; tooth brush; loofa; mirror; comb; broom;
bucket; soap; chandelier; chair; couch; lamp; ball; watch;
mask; bed; wheelchair; revolver; window; remote; teddy
bear; mattress; socks; pills; hammer; xerox machine; pillow;
wardrobe; air cooler; air conditioner; mushroom; rainbow;
skyscraper; waterfall; windmill; flowers;

Visual Surveillance & Security

Human Following, Wildlife
monitoring, Animal detection
in agriculture, Parking
assistance, Pet monitoring;

Person; bird; cow; deer; elephant; horse; frog; crocodile;
crab; dragonfly; lobster; rooster; kangaroo; sheep; bear;
zebra; giraffe; butterfly; camel; dolphin; goat; gorilla;
penguin; snake; fish; aquatic bird; tiger; lion; pig; buffalo;
monkey; cat; dog; mice; cockroach; spider; car; bus;
scooter; truck; bicycle; school bus; van;

Human-Computer Interaction

Robot Vision