

List of Abbreviations

2-D	Two Dimensional
3-D	Three Dimensional
AOA	Angle of Arrival
AZ	Azimuth
CPU	Central Processing Unit
DDR	Double Data Rate
DoD	Display on Demand
DRI	Detection Recognition Identification
ECEF	Earth Centered Earth Fixed
EL	Elevation
ENU	East North Up
EO	Electro Optic
EOS	Electro-Optical Sensor
EOTS	Electro-Optical Tracking System
GB	Giga Byte
GC	Geographic Coordinate

GDDR	Graphics Double Data Rate
GPS	Global Positioning System
GUI	Graphical User Interface
HD	High Definition
IDE	Integrated Development Environment
IFOV	Instantaneous Field of View
IMU	Inertial Estimation Unit
IP	Internet Protocol
IPv4	Internet Protocol Version 4
IR	Infrared Radiation
KB	Kilo Byte
LLA	Latitude Longitude and Altitude
LOS	Line of Sight
MSDF	Multi Sensor Data Fusion
MSTDG	Multi Sensor Track Data Generator
MTU	Maximum Transmission Unit
NIC	Network Interface Card
PD	Perpendicular Distance
PNG	Portable Network Graphics
PTTS	Passive Target Tracking System
RADAR	Radio Detection and Ranging
RAM	Random Access Memory

RCS	Radar Cross Section
RGB	Red Green and Blue
RMI	Remote Method Invocation
RSS	Received Signal Strength
RTDS	Real-time Data Sender
SATA	Serial Advanced Technology Attachment
SNR	Signal to Noise Ratio
SWIR	Short Wave Infrared
TB	Tera Byte
TDOA	Time Difference of Arrival
TOA	Time on Arrival
TV	Television
UDP	User Datagram Protocol