

RMCS - Rugged Modular Camera System

Features

1. Modular digital imaging system utilising a 9-36V power input and digital output.
2. Can be fitted with different imaging units:
 - a. SWIR - Near IR 900nm to 1700nm
 - b. sCMOS - Visible 400nm to 850nm
 - c. EMCCD - Visible 400nm to 850nm
 - d. ICCD - Visible 400nm to 950nm
3. According to camera system specified:
 - a. Vision through light mist and haze
 - b. Automatic optimum vision from daylight to starlight
 - c. Night Vision full moon to overcast starlight
4. IP67 housing, connectors and cabling:
 - a. Connectors all rated to IP67
 - b. EMC compliant MIL-STD-461G
 - c. Casing anodised to type 3 level for corrosion resistance and hardness.
5. Digital video out protocols include GigE (Cat5e cabling), HD-SDI(3G variant).
6. Available with one of three standard lenses – narrow field of view, wide field of view or zoom:
 - a. Wide field of view up to 70 degrees
 - b. Narrow field of view up to 10 degrees
 - c. Zoom x12
7. Plug and play - power in with image out without user control necessary (fixed focus system only).
8. Can be tripod or vehicle mounted depending on application.
9. SWIR version can be used with:
 - a. 1550nm continuous wave illumination system (LED/LD based)
 - b. 1550nm gated laser illumination system (LD based)
10. Applications include:
 - a. Surveillance (perimeter ; border ; coastal/harbour ; SAR)
 - b. Driving (armoured-tracked and wheeled vehicles)



Rugged Modular Camera



SWIR wide field of view camera



Caption

1550 nm ILLUMINATION IS INVISIBLE TO HUMAN VISION.
INTENSIFIED VISION AND THERMAL VISION - 3 - 5 AND 8 - 14 MICRONS.