

DROP-DEPLOYABLE COMMAND & CONTROL SYSTEMS

MODULAR, PORTABLE, RUGGEDIZED CONTROL SYSTEMS ARCHITECTURE FROM IEC INFRARED SYSTEMS

TODAY'S MILITARY MOVES FAST, AND SURVEILLANCE SYSTEMS MUST MOVE FAST WITH IT. IEC INFRARED SYSTEMS HAS DEVELOPED A MODULAR ARCHITECTURE FOR COMMAND & CONTROL, DATA HANDLING, AND POWER MANAGEMENT THAT ALLOWS THE WARFIGHTER TO CONFIGURE, EXPAND, & TRANSPORT STATE-OF-THE-ART SURVEILLANCE BETTER THAN EVER.

DISCOVER WHAT THE POWER OF DEDICATED SYSTEM ENGINEERING CAN DO FOR YOUR TACTICAL SURVEILLANCE REQUIREMENTS.

- STANDARD IMAGER CONTROL CASE (SICC)

THE BUILDING-BLOCK OF THE DROP-DEPLOYABLE SYSTEM, THE SICC IS A SELF-CONTAINED, SINGLE UNIT CONTROL STATION, PROVIDING LOCAL POWER CONDITIONING, PAN & TILT CONTROL, AND DISPLAY FOR A SINGLE IMAGING SYSTEM. HOWEVER, THE SICC ALSO PROVIDES INSTANT CONNECTIVITY AS PART OF A LARGER SURVEILLANCE SYSTEM, ABLE TO OPERATE AS AN INTEGRATED NODE IN AN EXTENDED NETWORK.



- CENTRAL CONTROL STATION (CCS)

THE CCS IS THE COMMAND MODULE THAT PROVIDES CONTROL OF AN EXTENDED NETWORK OF IMAGERS & SENSORS. OPERABLE FROM MULTIPLE POWER INPUTS, THIS MODULE PROVIDES THE ABILITY TO EXPAND & CONTROL A SOPHISTICATED NETWORK OF BOTH IMAGING AND NON-IMAGING SENSORS, WHILE COORDINATING SLEW-TO-CUE FUNCTIONALITY AND ALARM CUEING FOR THE ENTIRE NETWORK.

- UNATTENDED GROUND SENSOR PACKAGE (UGS)

UNATTENDED GROUND SENSORS, UTILIZING BOTH PASSIVE INFRARED (PIR) AND SEISMIC SENSORS PROVIDE A CONFIGURABLE, PERSISTENT TRIP-WIRE WHICH PROVIDES SLEWING CUES FOR PAN & TILT MOUNTED IMAGING SENSORS. WIRELESSLY CONNECTED, THESE SENSORS ARE SELF-LOCATING, WITH INTEGRATED GPS POSITIONING. SOPHISTICATED SIGNAL PROCESSING ALLOWS THE SYSTEM TO FILTER OUT ALL SIGNALS EXCEPT HUMAN FOOT TRAFFIC AND VEHICLES, GREATLY REDUCING FALSE ALARMS.



EXPORT OF THESE SYSTEMS IS CONTROLLED BY THE OFFICE OF MUNITIONS CONTROL, U.S. DEPARTMENT OF STATE AND IS SUBJECT TO THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS. THE EXPORT OF NIGHT VISION PRODUCTS IS REGULATED BY THE U.S. DEPARTMENT OF STATE. SHIPMENT WITHOUT PROPER LICENSING IS PROHIBITED.



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- DIGITAL VIDEO RECORDING CASE (DVRC)

THE DVR CASE PROVIDES ABILITY TO DIGITALLY RECORD UP TO 8 CHANNELS AT 25 HZ FOR GREATER THAN A FULL WEEK. VIDEO CAN BE SEARCHED AND PLAYED BACK ON THE BUILT IN, MULTIPLEXED MONITOR, OR CAN BE DOWNLOADED VIA USB PORT.



- WIRELESS TRANSMITTER & RECEIVER CASES (WTXC & WRXC)

THE WIRELESS RECEIVER CASE (LOCATED WITH THE COMMAND CASE) CAN LINK WITH MULTIPLE WIRELESS TRANSMITTERS, PROVIDING SECURE WIRELESS VIDEO AND DATA TRANSMISSION IN PLACE OF WIRED CONNECTIONS.



- WIRED COMMUNICATIONS CASE HUB (WCCH)

THE WIRED COMMUNICATIONS CASE HUB ACTS AS A CENTRALIZED CABLE CONNECTION HUB, ALLOWING MULTIPLE IMAGERS TO BE CONNECTED TO THE CENTRAL CONTROL SYSTEM THROUGH HARD WIRE CONNECTIONS.



- SYSTEM POWER CONDITIONING CASE (SPCC)

THE SYSTEM POWER CONDITIONING CASE ALLOWS THE ENTIRE SYSTEM (INCLUDING IMAGERS) TO BE POWERED FROM A SINGLE POINT. INCOMING POWER CAN BE LOCAL AC, LOCAL DC, OR LOCAL BATTERY BACKUP. INCOMING POWER IS FILTERED AND CONDITIONED AS NEEDED AND HOT-ROLLOVER CAPABILITY ALLOWS THE SYSTEM TO SWITCH ON THE FLY BETWEEN POWER SOURCES, IN THE EVENT OF INTERRUPTION.

- LOCAL BATTERY BACKUP CASE (LBBC)

THE LOCAL BATTERY BACKUP CASE ALLOWS DECENTRALIZED BATTERY BACKUP, ALLOWING IMAGING SYSTEMS TO OPERATE UP TO 24 HRS OR LONGER, DEPENDING ON USAGE CONDITIONS. THE CASES CHARGE AUTOMATICALLY IF OVERALL SYSTEM POWER IS PRESENT, AND AUTOMATICALLY ENGAGE IF OVERALL SYSTEM POWER IS INTERRUPTED.



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