



SPECIAL ROLE CAMERAS MODULAR SENSOR SYSTEMS

Features:

- Mission specific design
- High performance
- High reliability
- High survivability
- Simple integration
- Modular implementation
- Multi-spectral variants
- Multiple data outputs
- Open-standards based
- Def Stan certifications
- MIL-STD certifications
- Full life cycle support

WORLD WIDE USAGE

Ultra Electronics has extensive experience of designing and manufacturing high performance, special-role cameras for use in many defence applications.

Ultra produces a range of cameras that are optimised to meet specific operational requirements. All cameras utilise high performance sensors and lenses housed within a rugged and easy to integrate unit. These cameras are in operational service worldwide, supporting a wide range of specialist applications, including:

- Vehicle Local Situational Awareness Systems (LSAS)
- Base protection
- Target identification
- Target tracking and engagement
- Long range surveillance
- Covert surveillance
- Technical trials

FULL LOGISTICAL SUPPORT

Cameras are certified against applicable Def Stan and Mil Std requirements and Ultra Electronics is fully engaged in meeting developing integration needs and implementations. The Digital Hubs LSAS camera, for example, is fully Generic Vehicle Architecture (GVA) ready and Def Stan 00-82 compliant. It has been selected for the Warrior Capability Sustainment Programme.

Ultra Electronics provide a full logistical support infrastructure for through-life availability and capability enhancements for mid-life upgrades.



ULTRA ELECTRONICS HAS EXTENSIVE EXPERIENCE OF DESIGNING AND MANUFACTURING HIGH PERFORMANCE, SPECIAL-ROLE CAMERAS FOR USE IN MANY DEFENCE APPLICATIONS

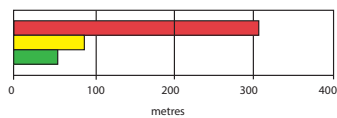
SHORT RANGE SITUATIONAL AWARENESS

HUBE

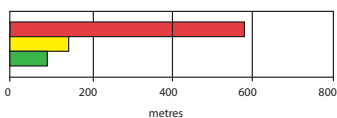
- Analogue, digital and thermal variants
- Analogue: 55mm H x 55mm W x 100mm L
- Digital: 55mm H x 55mm W x 180mm L
- Land Class A qualified
- Def Stan 00-82 qualified



Against a man



Against a vehicle



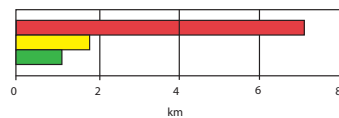
MEDIUM RANGE TRACKING AND SURVEILLANCE

JAVELIN

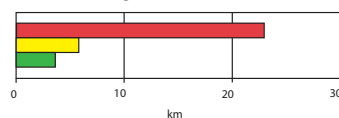
- Day colour and low light variants
- 128mm H x 97mm W x 202mm L
- Min lux: 1.4lux colour, 10mlux mono
- Land Class A compliant



Against a man



Against a vehicle



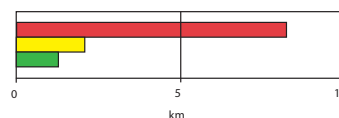
LONG RANGE GUN AND MISSILE TRACKING

LONGBOW

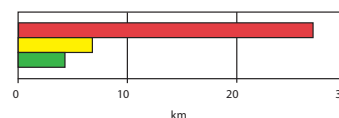
- Modular, bore sight stabilised
- 245mm H x 202mm W x 440mm L
- Min lux: 30lux
- MIL-STD 461E and 810E qualified



Against a man



Against a vehicle



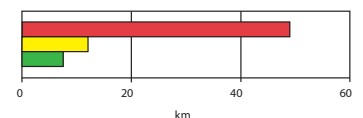
EXTENDED RANGE COLOUR SURVEILLANCE

CROSSBOW

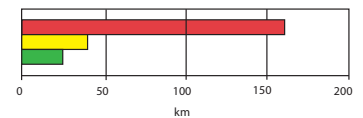
- Gig-E video output
- 184mm H x 160mm W x 520mm L
- Min lux: 20lux
- MIL-STD 461E and 810E qualified



Against a man



Against a vehicle



- All ranges subject to atmospheric conditions
- Detection: 1 cycle
- Recognition: 4 cycles
- Identification: 6.4 cycles

Function	Range (metres)
Detection	~320
Recognition	~100
Identification	~50

THE HUBE DIGITAL CAMERA HAS BEEN SELECTED FOR THE BRITISH ARMY WARRIOR CAPABILITY SUSTAINMENT PROGRAMME LOCAL SITUATIONAL AWARENESS SYSTEM



making a difference

Ultra Electronics
 COMMAND & SONAR SYSTEMS
 Knaves Beech Business Centre
 Loudwater, High Wycombe
 Buckinghamshire HP10 9UT
 England
 Tel: +44 (0) 1628 530000
 Fax: +44 (0) 1628 524557
 www.ultra-css.com
 www.ultra-electronics.com

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