

VB Custom Engineering

VB Custom Engineering

- **VB Custom Engineering** specialises in the design and manufacture of camera, video, and data transmission systems to support Broadcast, Defence, Security and Unmanned applications.
- We are able to deliver turnkey, bespoke and fully integrated solutions to our clients by providing multidisciplinary engineering support, including electronic, mechanical, and software design.
- We work closely with each client to understand and define the requirements and deliverables, providing full project management support and open communication throughout the development cycle.
- Our in-house design facility can operate in an application-agnostic way to meet every client's needs across most industries.



Broadcast



Military



Security



Robotics

VB Custom Engineering



- Our specialties include, but are not limited to:
 - Real-time video and data transmission (SD, HD, UHD)
 - Wide range of connectivity solutions, such as Point to Point, COFDM, and MANET Mesh
 - In-built radio cameras
 - Bespoke enclosures and control systems for transceivers
 - Bespoke PTZ mini camera systems
 - Antenna design and manufacturing



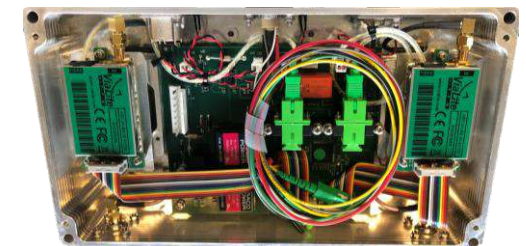
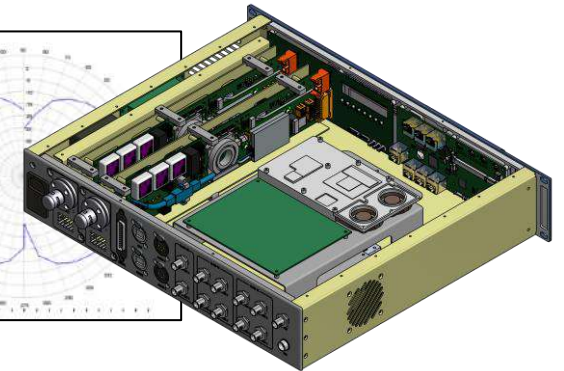
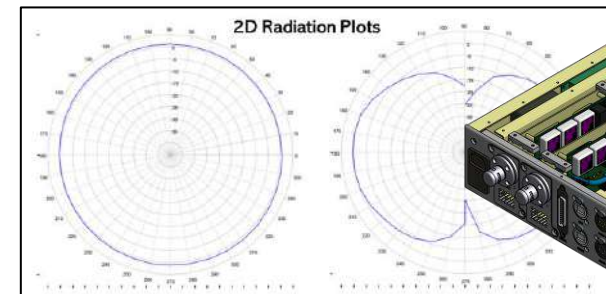
Our Services

Our in-house multidisciplinary engineering design team can provide comprehensive solutions to suit your requirements & Special Projects, ranging from consultation and design, all the way to full product development and prototyping. Our design services are closely coupled with our manufacturing team to allow our customers to quickly scale their ideas to deliverable products.



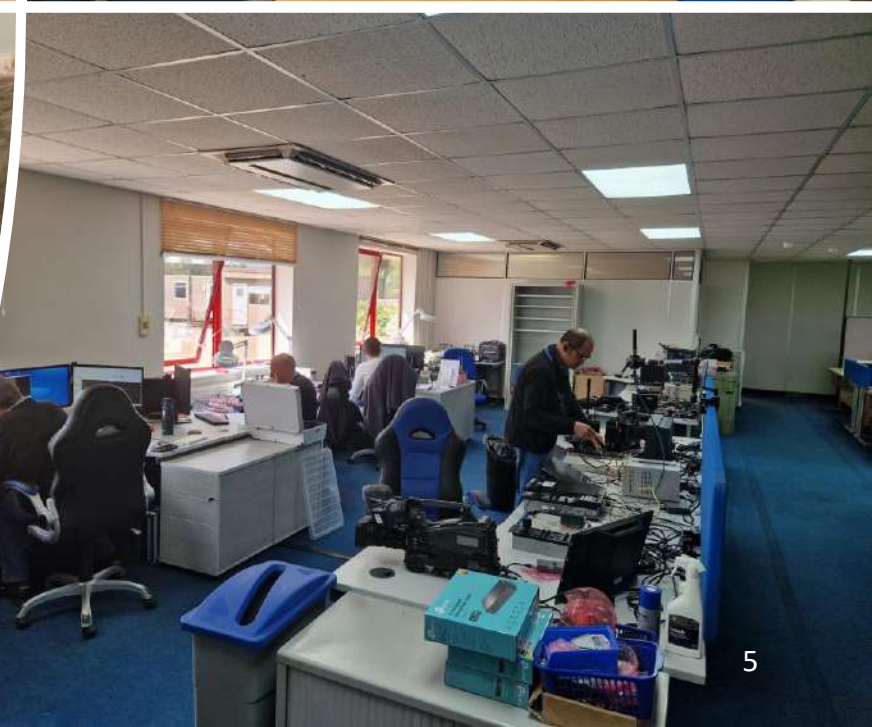
Our design and manufacturing services and facilities available include:

- Conceptualisation, Design & Rapid Prototyping of complete systems
- Design and prototyping of bespoke electronics
- Mechanical Design, CAD/CAM
- Software Development
- RF Design, Test and Calibration Facilities
- In-House Manufacturing
- CNC Machining & Turning
- Laser Etching, Vacuum Forming & Paint Shop



Our Facilities

- Engineering and R&D
- Drawing Office
- RF Design, Test & Calibration
- Assembly & Test

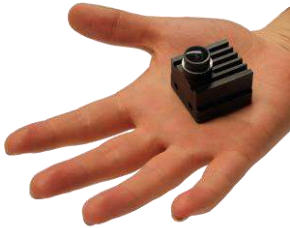


Our Facilities #2

- In-House Manufacturing
- CNC Machining & Turning
- Laser Etching
- Vacuum Forming
- Finishing & Paint Shop



Example Projects



Wireless Mini Cameras



Mini Mesh PTZ Cameras



Integrated Radio Camera Backs



Panasonic Camera Bracket



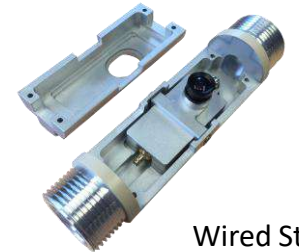
Custom Kit Design



Mesh Radio Enclosures



Battery Powered Onboard Wireless Video Systems for Drift Cars



Wired Stump Cam for cricket coverage



IP Data Fibre Network Management

All Designed and Manufactured In-House

Example Projects – Race Car Onboard Radio Cameras



Formula Renault

World Touring Cars



Videosys Broadcast – Broadcast Products



AEON-CC

- Wireless, Ultra Low Latency, Video Control & Transmission
- Serial Data Link
- COFDM Video Transmitter
- Software UI with User Defined Settings



Silent Nano TX

- Wireless, Ultra Low Latency, Video TX
- COFDM Video Transmitter

Epsilon System

- Wireless, Ultra Low Latency, Radio Camera System
- 4K Video Transmission Serial Data Link & COFDM Video Receiver
- Optional Fibre Range extension
- Intuitive System Set Up and User Interface

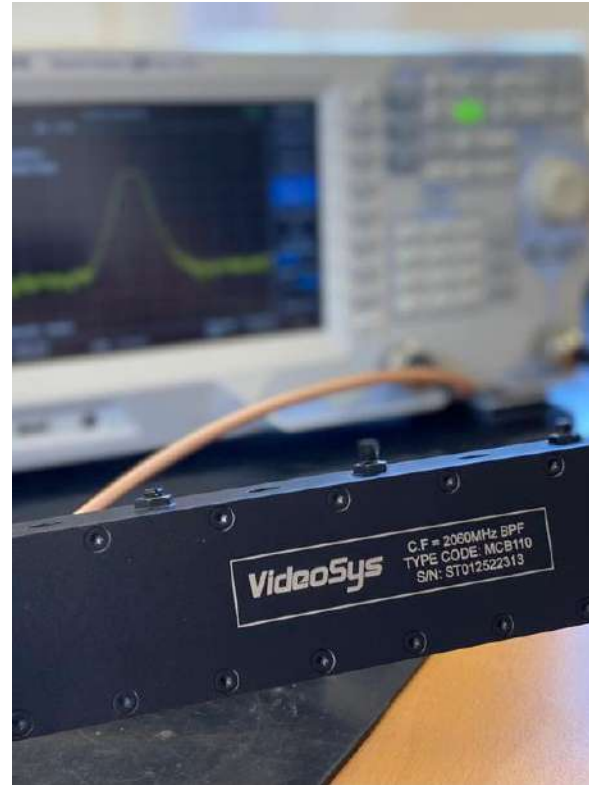
Videosys Broadcast (VB) Antennas



SHF Antennas available in bands from 1.0 GHz to 7.5 GHz



Questions?





For further information contact: sales@videosys.tv