

FALCON GRAPPLE CAMERA SYSTEM

INFORMATION AND SPECIFICATIONS

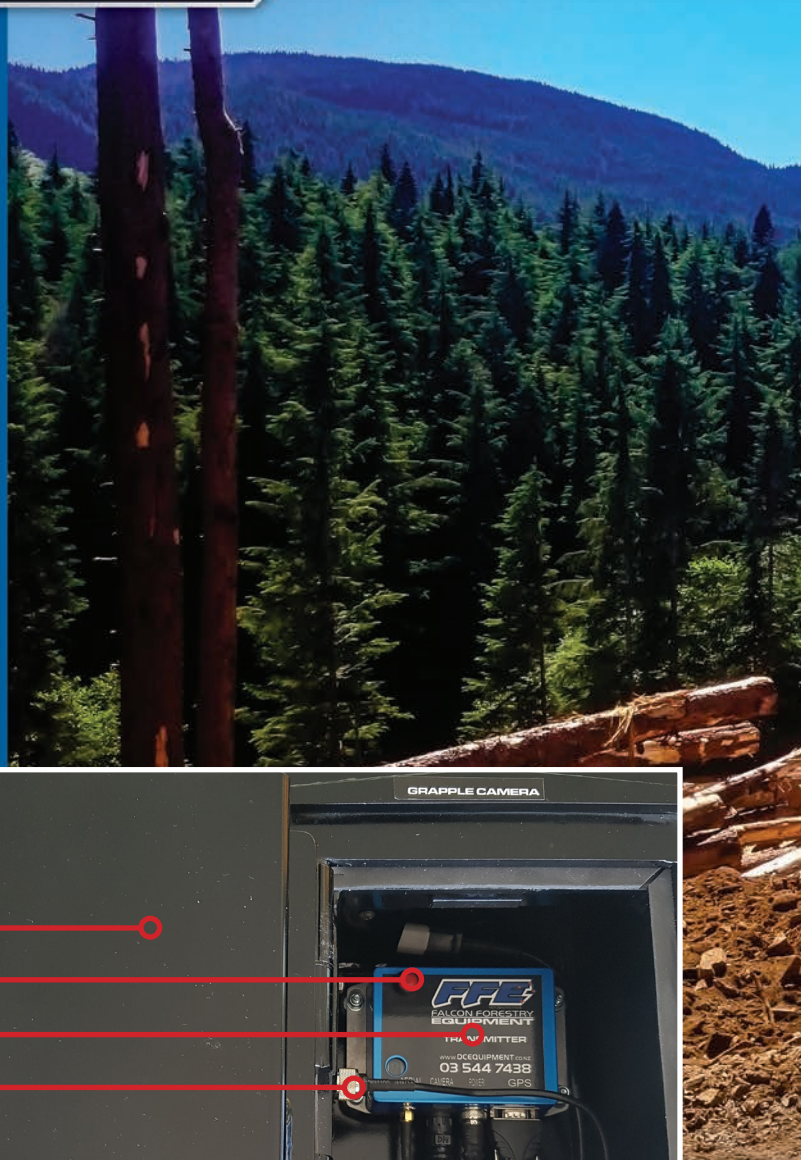


FALCON GRAPPLE CAMERA SYSTEM

The Falcon Grapple Camera System provides the Yarder operator with maximum visibility and complete control during the log extraction process.

The live video feed is transmitted back to the LCD screen mounted in the cab, which enables the operator to continue working through all weather conditions and adverse terrain. The camera system eliminates the need for any worker to be put at risk on the hillside or extraction zone.

The Camera Unit's external housing is constructed out of Biz 80 steel which has three times the strength of standard steel. This combined with the internal protective shock absorption of electrical components and camera gives the Falcon Grapple Camera System maximum reliability in the toughest environments. A portable Test Unit is also supplied with the system to make any fault diagnosis quick and easy.



BATTERY

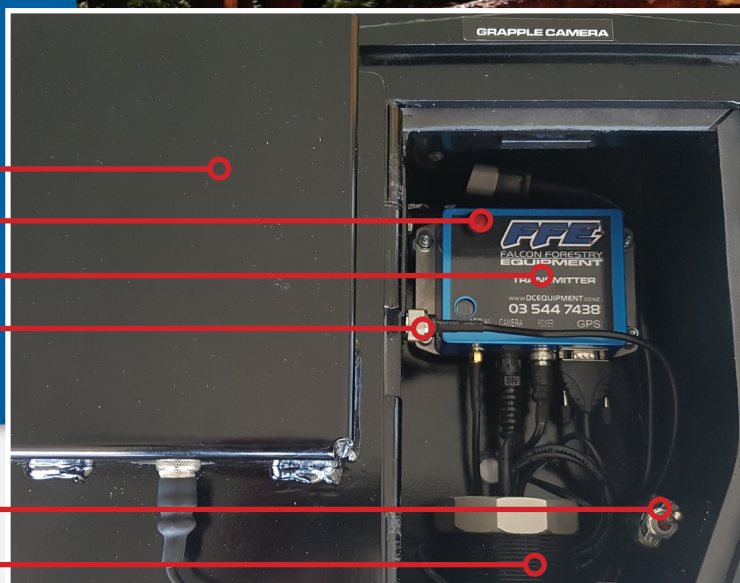
CHANNEL BUTTON

TRANSMITTER & GPS

AERIAL

ON/OFF SWITCH

CAMERA



FEATURES

Camera Unit

The Falcon Grapple Camera System housing is fabricated from high strength Biz 80 steel for greater impact resistance.

The design has been refined over thousands of operational hours producing a purpose-built unit that provides maximum protection of the electronics of the system.

The Transmitter/GPS Unit is mounted on rubber vibration isolation mounts. The Transmitter aerial and GPS aerial are protected with Margaurd high strength polycarbonate. The Camera is mounted in a silicon encapsulated jacket to minimise vibration and impact.

COMPONENTS

TOWER AERIAL ASSEMBLY & CABLE

COMPLETE CAMERA UNIT

VIDEO MONITOR

YARDER CHARGING SYSTEM

TOWER AERIAL MOUNTING BRACKET

TWO LITHIUM BATTERIES

SPARE CAMERA

SPARE TRANSMITTER

CAMERA UNIT MOUNTING BRACKET

TOWER AERIAL ADJUSTER BRACKET

SPARE RECEIVER

100% WATERPROOF
TRIPLE O-RING SEALED

ANODIZED SOLID
ALUMINIUM HOUSING

AUTO SHADING LENS
AND AUTO INFRARED

VOLTAGE

DISTANCE IN METRES

ALTITUDE IN
METRES

GPS COORDINATES

Camera

The Camera is a high quality AG CAM designed for durability and to work 24/7 in all weather conditions. It is equipped with infrared, which comes on automatically when low light is detected.

Monitor

The 19 inch monitor provides the operator with the visibility and information they need to operate efficiently. The screen displays in real time distance from the Yarder (top left), altitude (right), battery voltage (top right) and GPS coordinates (bottom left).

Test Unit

The Falcon Grapple Camera System comes complete with a purpose-built Test Unit. The unit is a compact fault finding device to diagnose faults as quickly as possible. The Test Unit is shown below. It also comes with all necessary cables and leads:

