



PILOT CONTROL STATION



The Pilot Control Station (PCS) is a versatile system for the remote operation of Unmanned Systems.

The PCS incorporates rugged military grade Hands On Throttle-And-Stick (HOTAS) grips and programmable controls along with a flexible embedded processor which interfaces with a host of standard ground control hardware and software.



FLIGHT GRIP – 2-axis flight control stick with 10 multi-position ergonomic switch/controls

THROTTLE CLUSTER – 1-axis throttle control with 10 multi-position ergonomic switch/controls

RUDDER PEDALS – 3-axis control, fully adjustable pedal position

HUMAN FACTORS - Designed for maximum comfort and ease of use

ERGONOMIC SEATING – Comfortable 24/7 seating, easily accommodates a wide range of operators

MODULAR FRAME – Lightweight and rugged frame for easy installation and removal inside a shelter

Software – Graphical User Interface (GUI) for all controls and system functions, can be easily reconfigured via the Windows control

Communications – TCP/IP 10/100 ethernet messaging protocol, Interface Control Document (ICD) available Pulse Position Modulation (PPM) support, Windows based control application, 3rd Party Software Integration Support, communicates with PICCOLO products

Additional Capabilities - Full Trainer/Trainee Functionality, Pre-flight Checklists, Real-time Diagnostics & Logging

Onboard processor – 1Ghz Cortex processor running embedded Linux

Input Supply Voltage - 90 – 260VAC, 50 – 60Hz

Input Supply Power - <10W Nominal, 20W Peak

