



DESERT ROTOR

12PCX HOTAS Block Diagram

12PCX Internal

External



12PCX Internal

- GCS Smart View™ - Menu/Settings
- Flight Controls - 3 Axis Hall Effect
- Throttle - Slide Potentiometer
- Payload/Gimbal - 2 Axis w/Dial
- Autopilot Flight Modes - 6POS
- Autopilot/Auxiliary- 3POS/2POS/Switches
- Aircraft Trim - 2POS Spring

External

Channel/Function Assignments

- PPM Protocol Profiles
- Aircraft Model Memory
- Aircraft Rates
- Aircraft Exponential
- Aircraft Trim

12PCX HOTAS Logic Boards

- Video RCA I/O
- HDMI Out
- USB I/O(4)
- Ethernet I/O
- NUC I/O

12PCX Power Controller

14 ~ 24V 4S ~ 6S Parallel 14 ~ 24V 4S ~ 6S

125 Watt Power Supply

2 - DC Barrel Outputs

Auxiliary Bay 1

PPM Output

UHF Transmitter
RF Modules

Video Receiver
P2P Modems

Auxiliary PC Displays

Data Downlinks
Proprietary Peripherals
Mobile Devices

Auxiliary Bay 2

Microhard P2P Modems

Satellite Antenna/Network

4G/LTE Cellular Radios

Antenna Trackers
Proprietary Tools
Digital Video Recorders
Auxiliary FPV Displays

DC 12V

CAT6

DC 12V

DC 12V

CAT6

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