

Hafif Yer Kontrol İstasyonları Uzaktan Kumanda Sistemleri

Ürün Açıklaması

Üst düzey profesyonel kullanıcılar için özel olarak tasarlanmış uzaktan kumanda, bilgisayar ve kablosuz iletişim modüllerinin yüksek entegrasyonu. RC kontrolü, HD video ve telemetri verilerinin yer istasyonu ve hava ünitesi arasında uzun bir menzile iletilmesine izin verir.








Aşağıdaki ürünler için uygundur

- İHA – İnsansız hava araçları
- UGV İnsansız yer araçları
- USV İnsansız su araçları
- Robotlar
- diğer uzaktan kumandalı cihazlar.

Daha fazla detay

- Hafif, kompakt boyut
- Havacılık sınıfı alüminyum alaşım
- Uzaktan kumanda, bilgisayar ve iletişim modülleri bir arada
- Açık kaynaklı uçuş kontrolleriyle uyumlu evrensel bir platform
- Windows, Linux, seçim için Android işletim sistemi
- FHD, yüksek parlaklıkta dokunmatik ekran
- Kendi kendine atanmış işlevlere sahip birden fazla fiziksel kanal türü
- Çift SBUS girişi ve çıkışı
- USB HID insan cihazı
- Zengin harici arayüzler

Ground control station- Yer Kontrol Cihazları

Item	T21	T30	T30S	T16	T26	T31	T40
Name	Handheld GCS-Portatif	Handheld GCS-Portatif	Handheld GCS-Portatif	Handheld GCS-portatif	Handheld GCS-Portatif	Handheld GCS-Portatif	Case-type GCS-çanta tipi
Photo							
Communication system İletişim sistemi	R20 data link(no video) (built-in)	V21 (10km grade video&data link) (built-in)	V21 (10km grade video&data link) (built-in)	V21 (10km grade video&data link) (built-in)	V21 (10km grade video&data link) (built-in)	V21 (10km grade video&data link) (built-in)	V21 (10km grade video&data link) (built-in)
Physical Channel- Kanal sayısı	16	23	23	22	16	35	27
Joystick, switch, button type Jostik swich ve butonlar	Main Joystick*2 ((left and right handed mode/ back to center mode/Hall effect) Auxiliaryjoystick*2 3-position switch*4 Knob *2 Key button*2	Main Joystick*2 (Industrial joysticks) 3-position switch*4 Knob *2 Key button*11 Pull wheel*2	Main Joystick*2 (Industrial joysticks) 3-position switch*4 Knob *2 Key button*11 Pull wheel*2	Main joystick*2 Auxiliary joystick*2 3-position switch*4 Knob *2 Key button*8 Pull wheel*2	Joystick*2 Pull wheel*2 F1-F10 button	Main joystick*2 (industrial joysticks with hall sensors) Buttons*25 Knobs*4 Pull wheels*2 Stop button*1 Directional button*1	Main joystick*2 (industrial joysticks with hall sensors) Auxiliary rocker*4 Key buttons*12 Simulate keystrokes*7
SBUS	Dual SBUS output, able to be programmed independently	Dual SBUS output, able to be programmed independently	Dual SBUS output, able to be programmed independently	Dual SBUS output, able to be programmed independently	Dual SBUS output, able to be programmed independently	Dual SBUS output, able to be programmed independently	Dual SBUS output, able to be programmed independently
Remote control latency	40ms	40ms	40ms	40ms	40ms	40ms	40ms
Human interface	USB HID device	USB HID device	USB HID device	USB HID device	USB HID device	USB HID device	USB HID device
CPU	Intel Cherry Trail Z8350	Intel i5 6200U	Intel i5 6200U	Depends on the tablet/phone configuration	Intel I5 7Y57 (computer Panasonic FZ-M1)	Intel i5 6200U	Intel i7 8565U
Operation system	Win10	Win10 or Linux	Win10 or Linux	Win10 or Android	Windows 10	Win10 or Linux	Win10 or Linux

Display dimension& Definition &Brightness	8 inch 1280*720 350CCD	10.1inch 1280*800 1000CCD(standard) 1920*1200 800CCD(for choice)	10.1inch + 10.1inch 1920*1200 800CCD	Support 5-10.1inch tablet or phone (User configuration)	7 inch 1280*800 800CCD	10.1inch 1280*800 1000CCD(standard) 1920*1200 800CCD(for choice)	13.3inch 1920*1080 1000CCD (top screen) 12.1inch 1280*800 1500CCD (bottom screen)
Touch panel	10-finger capacitive touch screen	10-finger capacitive touch screen	10-finger capacitive touch screen	User configuration	10-finger capacitive touch screen	10-finger capacitive touch screen	10-finger capacitive touch screen
Memory	4GB	8GB	8GB	User configuration	8GB	8GB	8GB
SSD	64GB	128GB	128GB	User configuration	256GB	128GB	256Gb
Loud speaker	Built-in	Built-in	Built-in	User configuration	Built-in	Built-in	Built-in
Wireless network	WIFI/Bluetooth/4G	WIFI&Bluetooth or 4G	WIF&Bluetooth or 4G	User configuration	WIFI/Bluetooth/4G	WIFI&Bluetooth or 4G	WIFI&Bluetooth or 4G
External expansion port	USB2.0	USB2.0, LAN port, USB3.0*2, VGA, HDMITTL, RS232*2	USB2.0, LAN port, USB3.0*2, VGA, HDMI, TTL, RS232*2	USB3.0*3	USB*2	USB*2, LAN, 12V/4A OUT	USB3.0, LAN, HDMI in, VGA out, Hi-fi, RS232*3, SBUS in/out
Endurance	4h	4hs	3hs	8hs	9hs	3.5hs	3hs
Battery	3.7V/7500mAh	12.6v/10200mAh (external power supply also supported)	12.6v/10200mAh (external power supply also supported)	8.4V/6800mAh (external power supply also supported)	7.4V/3220mAh(RC) 8.4V/6800mAh(computer)	12.6V/10200mAh (external power source also supported)	16.8V/13600mAh (external power supply also supported)
Operating temperature	-10℃~+50℃	-10℃~+50℃	-10℃~+50℃	-10~+60℃	-20℃~+60℃	-10℃~+60℃	-20℃~+60℃
IP rating	IP53	IP53	IP53	IP53	IP65	IP54	IP53
Dimension&Weight	30cm*16cm*4cm 1000g	36.4cm*19cm*4cm 2432g	36.4cm*19cm*9.5cm 3192g	29cm*15cm*6cm 1060g	30cm*15.8cm*4cm 1500g	37.8cm*22.1cm*8.7cm 2500g	35.4cm*28cm*8cm 5980g
Airborne Unit							
Item	R20(telemetry data&RC link)		V30(HDMI video&telemetry&RC link) <i>(stop production)</i>		V21(LAN video&telemetry&RC link)		

Photo			
Frequency	902MHz-928MHz(P900 module)	800MHz/1.4GHz/2.4GHz	800MHz/1.4GHz/2.4GHz
Range	10-30km(depend on environment)	10km grade@LOS	10-15km@LOS
SBUS output	2*SBUS output	2*SBUS output	2*SBUS output
Serial port	1*TTL	1*TTL	TTL or RS232
Antenna	2dBi rod antennas	2-4dBi rod antenna	2-4dBi rod antenna
Video input interface	NA	HDMI & CVBS	LAN
Operating temperature	-10°C ~ +50°C	-10°C ~ +50°C	-10 ~ +50°C
Dimension	5.3cm*4cm*1.4cm	9.1cm*5.7cm*2cm	8.5cm*5.5cm*2cm
Weight	43g(exclude antenna)	120(exclude antenna)	110g(exclude antenna)