Omnibus STM32F4 F4 Pro V3 Flight Controller

Produktkode: 6032
Tilgjengelighet: 1
Custom Field 5 (Location): S125c
Send SMS etter pris: 91166668

Short Description

Betaflight Omnibus STM32F4 F4 Pro V3 Flight Controller Built-in OSD

Beskrivelse

Features :

Following in the footsteps of the Omnibus F3 Pro, the Omnibus F4 Pro V3 may be the standard by which all other flight controllers are measured.

Boasting an F4 processor, on-board Betaflight OSD, MicroSD Black Box, 5v3a sbec, video filter, you\'ll be tuning pids with your transmitter and
tearing it up at the track in no time!

With leaps and bounds in programming, it is now possible to connect your Smartaudio capable VTX such as the TBS Unify Pro 5G8 HV or TBS Unify Pro 5G8 HV - Race Edition to the J10 header using our Omnibus smartaudio connector and make VTX changes on the fly through the betaflight OSD.

Specification:

Item name: Omnibus F4 Pro V3 Flight Controller
Size: 36x36mm
Mount holes: 30.5x30.5mm
STM32 F405 MCU
Dshot support
Drag and Drop OSD configured via Betaflight Configurator
Smartaudio v2 support - Tune your PID\'s and configure the omnibus fc from your

Transmitter
MPU6000 6 axis SPI Gyro & Accelerometer
SBUS/PPM AND Spketrum DSMX Ports
MicroSD card blackbox
Baro(BMP280)
5v3a SBEC
On-board Video Filter(only can supply 5V to VTX and Camera)
SmartAudio V2 via tx6 on J10
4×3 pin ESC pin layout
IR pins for lap timing transponder

Package included:
1* Omnibus F4 Pro V3 Flight Controller

Info
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Product Gallery

Readytosky

UART1 RX
UART1 TX
5V
GND

BUZ+
BUZ-

BAT+

BOOT
3.3V
GND
DSM2

(Camera)
V.IN

USB

(Transmitter)
V.OUT

UART3 RX
UART3 TX
5V
GND
UART6 TX
UART6 RX

GND 5V M4
GND 5V M3
GND 5V M2
GND 5V M1

OMNIBUS F4 PRO V3 - ARDUPILOT WIRING

SOLDER HERE

RX IN

AILERON
ELEVATOR
THROTTLE
RUDDER

TELEMETRY RX
TELEMETRY TX

GPS TX
GPS RX
GND
5V
i2C SCL
i2C SDA

REMOVE DIODE