



SPECIFICATION & DATASHEETS

Protocollo di comunicazione	WiFi *
Diametro max antenna	75cm
Peso max antenna	17Kg
Diametro max palo supporto	60mm
Housing	aluminum alloy EN AB 46000Mg
Superficie	tumbling + polishing
Peso	8,5kg
Misure	29x13x16cm
Temperatura min in operativa	-35°C **
Temperatura max in operativa	+60°C **
Umidità	100% **
Tensione di lavoro	26-30Vdc
Assorbimento in stand-by	6mA
Assorbimento in operativa	210mA
Assorbimento max	750mA
Tensione di lavoro motor PWM	6%-96%
Velocità rotazione Orizzontale	2,46°/s
Velocità rotazione Verticale	2,30°/s
Angolo rotazione Orizzontale	-/+80°
Angolo rotazione Verticale	-5°/80° South/North position 0-18/+78
limiti Orizzontali Software	-/+77°
Horizontal mechanical limits	-/+80°
Vertical software limits	-15/+75°
Vertical mechanical limits	-18/+78
Mechanical pointing accuracy	-/+0.2°
Electrical pointing accuracy	* see Eutelsat sheets
Windload	90km/h with gusts of 130km/h

*could be add bluetooth communication / optional

**tested in climatic chamber “Angelantoni ACS-UY110-15244”YOUODO switch on 30Vdc powered, 1 cycle of 72h divided as: 4h at -35°C; 4h at 0°C; 4h at +60°C, per 6 cycles

***pointing accuracy & wind stability was improved between first and second batch through mechanical transmission system modification:

- modified the tooth profile of brass wheels
- change the material of the worms from AVP to 39nicrmo3bp
- replaced housing of tangential gearboxes from plastic to ZAMA
- replaced housing of motor to EN AB 46000 Mg alloy