

Techbone FZCO

SAFEFACE® ES 12

Radar Sign Details



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FZCO

TECHNICAL SPECIFICATIONS

- » 3-Digit Speed Display
 - Miles Per Hour (mph): 3-99 mph
 - Kilometers Per Hour (km/h): 5-160 km/h
- » High-Intensity prismatic reflective sheeting on "YOUR SPEED" signs with black colored text
- » MUTCD approved colors and format
- » Operating Temperatures F (C): -40° (-40°) to 185° (85°)
- » Conformal coating on all circuit boards

Power

- » Power input:
 - 100~240 V AC @ 150 mA
 - 12 V DC (11-14.5 V @ 1A)
 - Built in ambient light sensing and automatic brightness control
 - Wireless battery charge monitoring (via software interface)
- » Power Options
 - AC power input: 100~240 V AC
 - DC (battery) power input: 12 V DC
 - DC (battery) power options:
 - 12V, 18Ah Lead acid batteries
 - 4 Cell, 12.8V, 15Ah Lithium-Ion Phosphate batteries
 - Solar power: 50W solar panel

Radar

- » Internal Radar: Doppler (FCC approved)
- » Model: DF 300
- » Radar RF out: 5 mW maximum
- » Radar f-center: 24.125 GHz or 24.200 GHz
- » Pickup distance: Up to 300 m
- » Beam angle: 24° (vertical) x 12° (horizontal)
- » Beam polarization: Linear
- » CE Mark (Radar): Yes

Display

- » LEDs: 524
 - Digits (Yellow): 256 LEDs

- Color: Yellow (590 nm)
- Viewing angle at 50% IV: 30°
- Partial Flux (Brightness): 9000 – 22400 Ev,[lux]/LED
- Digits (Red): 256 LEDs
 - Color: Red(633 nm)
 - Viewing angle at 50% IV: 30°
 - Partial Flux (Brightness): 7100 – 18000 Ev,[lux]/LED
- Speed Violator Strobe: 12 LEDs
 - Color: White (2700 K – 6500 K)
 - Viewing angle at 50% IV: 150°
 - Luminous Flux: typically 33lm @ 4000 K
 - Luminous Efficacy: typically 176 lm/W @4000 K
- » Ambient light sensor and automatic brightness adjustment

Enclosure

- » Vandal resistant, lightweight polymer
- » Matte black front for reduced glare and maximum contrast
- » Light gray body to minimize heat absorption
- » Weatherproof, NEMA 4X-12, IP65 level compliant
- » Non-sealed and ventilated

COMMUNICATIONS

- » Bluetooth (standard)
- » GPRS (optional, or use with SafePace Cloud)
- Speed activated, dual-color digit display (speeds above a specified value are displayed in red)
- Speed Violator Strobe (pulsing strobe flashes above specified speed)

All Specifications Subject to Change Without Notice