

LTSU01

IP66 Vehicle Support High Speed Pan and Tilt System



Model	LTSU01
Horizontal Plane)	
Pan Speed	0° to 120° per second adjustable
Tilt Range	-90° to 90°
(Movement in Vertical Plane)	
Tilt Speed	0° to 120° per second adjustable
Accuracy	0.225° ± 0.003°
Preset	226 (8 tours)
Relative Humidity	5 % to 95 % noncondensing
Operating Ambient Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Communication	RS-485, Manchester, BI-PHASE code, coaxial video control
Protocols	Pelco-D/Pelco-P
Baud Rate	2,400/4,800/9,600 bps adjustable
Window Viewing Area (Ø)	57 mm (2.2 in) (LTSU01-W-A, LTSU01-W-N) 40 mm (1.6 in) (LTSU01-R50, LTSU01-R100)
Internal Usable Size (W × H × L)	83 mm × 83 mm × 165 mm (3.3 in × 3.3 in × 6.5 in)
Dimensions (W × H × L)	257 mm × 239 mm × 254 mm (10.1 in × 9.4 in × 10.0 in) (LTSU01-W-A, LTSU01-W-N) 354 mm × 248 mm × 226.5 mm (13.9 in × 9.8 in × 8.9 in) (LTSU01-R50, LTSU01-R100)
Weight	5.8 kg (12.8 lb) (LTSU01-W-A, LTSU01-W-N) 9.5 kg (20.9 lb) (LTSU01-R50, LTSU01-R100)
Illumination Source	LED (LTSU01-R50, LTSU01-R100)
Wavelength	850 nm (LTSU01-R50, LTSU01-R100)
Illumination Distance	30 m to 50 m (98 ft to 164 ft) (LTSU01-R50) 60 m to 100 m (197 ft to 328 ft) (LTSU01-R100)
Beam angle	-
Illumination Power Consumption	16.5 W (LTSU01-R50, LTSU01-R100)

*Design and specifications are subject to change without prior notice.

Features

- IP66, NEMA-6P enclosure rating
- Built-in illuminator with distance up to 100 m (328 ft) (different illumination source optional)
- Pan and tilt speed adjustable
- Support analogue or network cameras (optional)
- Wiper included

Available Models

Model	Illumination	Support
LTSU01-W-A	-	Analogue
LTSU01-W-N	-	Network
LTSU01-R50	850 nm, LED, 30 m to 50 m	
LTSU01-R100	850 nm, LED, 60 m to 100 m	

Tech Specs

Model	LTSU01
Type	Indoor/Outdoor
Protection Rating	IP66, NEMA-4X enclosure rating
Material	High-strength aluminum
Finish	Beige
Input Power	12 V DC
Power Consumption	30 W (LTSU01-W-A, LTSU01-W-N) 50 W (LTSU01-R50, LTSU01-R100)
Pan Range (Movement in	0° to 360° continuous