

28' Telescoping Fixed Mount Light Mast w/ (2) HD Security Cameras - 8-28' - 6-Stage - 360° Rotating

Part #: LM-28-8-6S-FM-EW-NYC-2XPTZ-20X



Made in the USA

The LM-28-8-6S-FM-EW-NYC-2XPTZ-20X from Larson Electronics is a Fixed Mount 6-Stage Light Mast with Dual High Definition Security Cameras that provides a safe and effective way to deploy the security camera to heights of up to twenty-eight feet for large area coverage. The tower folds over for easy transportation, features a rotating boom that allows for 360° of rotation and a removable mast head for storing the mounted equipment when not in use. The security camera included with the LM-28-8-6S-FM-EW-NYC-2XPTZ-20X records in 1080p high definition, offers 20x optical zoom and features a 492 foot range in darkness thanks to powerful infrared LEDs. The weatherproof 3/4" coiled cable that runs the length of the tower makes for easy wiring and connection when deployed.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS

Tower Features: This telescoping six stage fixed mount steel light mast from Larson Electronics is designed to allow operators to quickly and safely deploy the included security camera in locations where the camera must be elevated to heights up to 28 feet for effective coverage. This light boom can be extended to 28 feet for maximum area coverage and collapsed to 8 feet for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a first stage 5.15' in length and 8" x 8" by 3/16" thick, second stage 5.46' in length and 6" x 6" by 3/16" thick, a third stage 5.77' in length and 5" x 5" by 3/16" thick, a fourth stage 6.08' in length and 4" x 4" by 3/25" thick, a fifth stage 6.40' in length and 3" x 3" by 1/8" thick and a sixth stage 6.81' in length and 2" x 2" by 3/25" thick. Each section has a 15-18" overlap. The mast is elevated using an included 1,000 lbs electric winch with 3/16" cable and extended to its full height using a second 1,000 lbs electric winch. The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics, or galvanized for superior corrosion resistance. These fixed mount light masts are typically mounted to trailers or other stable surfaces via a 18" by 18" by 1/4" thick mounting base-plate which has been drilled to accept six 1/2" anchor bolts. A 44" wide and 2" by 2" by 1/8" thick mounting plate is attached to the upper section of the mast which provides a strong and stable platform for mounted light fixtures and equipment.

The LM family of telescoping towers feature a proprietary mast guidance system, which provides increased stability during high winds. When lowered to 10 feet, the mast can withstand winds up to 125 mph. When elevated to its full upright position, the mast can be rotated a full 360°. By loosening the T-Handle, operators can rotate the mast with ease in either direction. The mast can be positioned in one of four different directions, and locked back in place by re-tightening the T-handle. The mast itself spins freely, and can typically be rotated with a single hand.

This light tower weighs approximately 1,100 lbs and can easily support and lift 150 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 16.5 feet long, 4 feet wide, 5 feet tall and weighs approximately 1500 lbs. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. We also offer a choice of either the manual 1,200 lbs hand winches included standard or optional electric winches.

Camera Features: The LM-28-8-6S-FM-EW-NYC-2XPTZ-20X comes equipped with a Larson Electronics IDCMR-IP-POE-PTZ-20X security camera that is an ideal solution for situations that call for security monitoring, recording and surveillance during day or night. The IDCMR-IP-POE-PTZ-20X Security Camera from Larson Electronics is designed for discrete monitoring and remote observation in indoor/outdoor industrial environments. This 1080p full-HD high resolution security camera features 492' range in the dark via powerful IR LEDs, 20x optical zoom with autofocus and PTZ controls with motion detection. The monitoring device operates on 24V AC or PoE (IEEE802.3at). Comprehensive scanning is made possible with 360° continuous rotation.

The IDCMR-IP-POE-PTZ-20X security camera provides operators with crisp 1080p full-HD high resolution images. A 4.7-94mm varifocal lens automatically adjusts focus, providing operators with precise 20x optical zoom levels. Integrated long-range IR LEDs, with a wavelength measurement of 850 nm, enable the day/night camera to see distances up to 492' under nighttime conditions. This unit offloads videos in MP4 format and features H.264 and MJPEG video compression. The IP security camera is designed to perform in outdoor locations and rainy conditions. This IP66-rated unit resists the negative effects of non-corrosive liquids. De-fogging features enable the unit to operate in rainy and foggy conditions. This device is capable of operating in temperatures between -22°F and 149°F.

Camera Color Modes: The default setting of the cameras on the LM-28-8-6S-FM-EW-NYC-2XPTZ-20X in regards to color is for the camera to record color during the day and record black and white when the cameras are operating in infrared (IR) mode which is typically at night. Alternatively, the cameras can be forced into IR mode around the clock. The cameras on the LM-28-8-6S-FM-EW-NYC-2XPTZ-20X can also be set on a schedule to switch between color and black/white (IR) operation at the desired times.

Power/Wiring: The security camera included with the LM-28-8-6S-FM-EW-NYC-2XPTZ-20X is designed to operate on PoE (power over ethernet). This reduces the amount of wiring that the operator must run to operate the camera. A PoE switch is mounted at the top of the mast inside a junction box and weatherproof 3/4" coiled cable is run down the length of the fully extended mast to the bottom. Operators simply connect their network cable to the connection point at the bottom of the mast.

Suggested Applications: Security systems, remote surveillance, general locations, law enforcement, police, indoor/outdoor facilities, commercial establishments, monitoring, military, industrial sites and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A

commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information

LM-28-8-6S-FM-EW-NYC-2XPTZ-20X 28' 6-Stage Fixed Mount Telescoping Light Tower w/ HD Security Camera

Light Mast Features

Length: 8 feet - 28 feet

Weight: +-1,100 lbs

Capacity: 150 lbs

Materials: Steel

Finish: Powder Coated (Gloss Blue) or Galvanized

Operation: (2) 1,000lbs Electric Winches

Cable: 3/16" Aircraft Cable

Mounting: Fixed Mount - 1/4" thick, 18"x18" Six Bolt Hole Bracket

Shipping: Common Freight

Shipping Dimensions: 16.5'-L x 4'-W x 5'-H

Shipping Weight: +-1500 lbs

Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Security Camera Features

IDCMR-IP-POE-PTZ-20X IP Security Camera

Unit Type: Security Camera

Dimensions: 14.38" H x 7.12" D

Camera Weight: 9 lbs

Total Watts: 25.5 (Max)

Voltage: 24V AC (PoE - 802.3at)

Image Sensor: CMOS

Connectors: 1.0Vp-p, 75 Ohm, BNC

Effective Pixels: 2.1 MP, 1920 x 1080 Resolution

Min. Illumination: 0.02 Lux @ F1.6 AGC On, 0 Lux w/ IR

Electronic Shutter: 1 ~ 1/10,000s

Lens: 4.7-94mm Varifocal Lens

Angle of View: 58.3° (Wide) ~ 3.2° (Tele)

Optical Zoom: 20x

Day/Night: ICR

IR Distance: 492' (850 nm)

Quick Summary

8 to 28 Foot Light Mast

Steel Construction

Powder Coated Finish

Removable Mast Head

125 mph Wind Resistance

Electric Operation

Fixed Mount

Quick Summary

IP66 Waterproof

Day/Night Monitoring

De-fog Viewing (Rain and Fog)

360° Rotation, -15°~90° Tilt

492' IR Distance

Full-HD, 20x Optical Zoom

Motion Detection

Records Color by Day, Black/White in IR Mode

Full-Time IR Operation Possible

Color Mode & Black/White (IR) Mode Scheduling

Color Recording Options: Color by Day, Black/White in IR Mode & at Night

Video Framerate: 1080p @ 30fps

Video Offload: MP4

Video Output: (1) BNC

Language: English

Ambient Temperature Range: -22°F to 149°F

Housing Materials: Aluminum

Lens Material: Polycarbonate

Mounting: Ceiling, Wall, Pole or Corner (Mounting Bracket)

Color: Beige/Black

Special Orders- Requirements

Contact us for special requirements

Phone: 1-903-498-3363

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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Options:

LM-28-8-6S-FM-EW-NYC-2XPTZ-20X- FINISH

Example: LM-28-8-6S-FM-EW-NYC-2XPTZ-20X-PWDC

FINISH	
Powder Coated	-PWDC
Galvanized	-GLVD

Links (Click on the below items to view):

- [Dimensional Drawing](#)
- [STEP](#)
- [Hi-Res Image 1](#)