

PRODUCT
BROCHURE
2025

LIGHTWEIGHT CARBON FIBER CAMERA MASTS

CF-MAST EVI

Camera masts are widely used today. However, they are often impractical, unaesthetic, and quickly affected by corrosion. Installing these heavy, cumbersome masts typically requires an entire team or even a crane. Moreover, their appearance does not enhance the aesthetics of a commercial building or a designer home.

This is why Evve International has been thinking outside the box. For years, we have been developing durable carbon fiber enclosures for long-range cameras that withstand extreme conditions, such as in war zones and seaports. With our expertise in carbon fiber, we have taken the step to create a mast that is not only lightweight, corrosion-resistant, and installable by a single person, but also offers high stiffness and an appealing design.

SOME APPLICATIONS:

- ✓ COMMERCIAL BUILDINGS
- ✓ INDUSTRIAL AREAS
- ✓ PRIVATE APPLICATIONS (RESIDENTIAL HOMES)
- ✓ PORS & WATERWORKS
- ✓ INFRASTRUCTURE
- ✓ MOBILE INSTALLATIONS & EVENTS
- ✓ SOLAR ENERGY PARKS
- ✓ PARKS & RECREATIONAL AREAS

UNIQUE SELLING POINTS

- ✓ Lightweight: a mast of 4 m. weighs only 4.5 kg
- ✓ Available in any length, including telescopic version
- ✓ Corrosion-resistant
- ✓ Tiltable or fixed design
- ✓ Can be installed by a single person
- ✓ Different diameters: 80, 100 and 120 mm, depending on payload
- ✓ Available in a variety of colors including wood finish, matte or glossy
- ✓ Design can be customized to meet specific needs
- ✓ Equipped with solar panels and batteries for energy storage (streetlight)
- ✓ Manufactured in the Netherlands: Dutch product

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MODELS

You can choose between a tiltable version (EVI K-series) or a fixed version (EVI V-series). The tiltable version is equipped with a tilt hinge, which significantly simplifies maintenance of the cameras or other installations. Thanks to its lightweight design, a technician can easily tilt it to perform their tasks. There's no need for a counter-installation to lower or raise the mast again, which increases efficiency and user-friendliness. This makes maintenance simpler and more cost-effective.

The standard color is carbon black, coated with a clear UV-resistant varnish. All other colors and finishes are also possible.

MODEL:	CF-MAST EVI K-80	CF-MAST EVI K-100	CF-MAST EVI K-120
Version:	Tiltable	Tiltable	Tiltable
Length:	4 or 5 m	4, 5, 6 or 7	4, 5, 6, 7 or 8 m
Diameter:	80 mm	100 mm	120 mm
Payload:	5 kg	10 kg	20 - 50 kg

MODEL:	CF-MAST EVI V-80	CF-MAST EVI V-100	CF-MAST EVI V-120
Version:	Fixed	Fixed	Fixed
Length:	4 or 5 m	4, 5, 6 or 7 m	4, 5, 6, 7 or 8 m
Diameter:	80 mm	100 mm	120 mm
Payload:	5 kg	10 kg	20 - 50 kg

CARBON FIBER

Our masts are made from high-quality carbon fiber. The carbon fiber is impregnated with epoxy resin and then baked in an oven at 150°C for 3.5 hours. This process ensures a strong and durable mast with a Tg (glass transition temperature) of 125°C.

Because carbon fiber is corrosion-resistant, the mast has a long life-span, unaffected by saltwater, ensuring its quality and durability. By choosing carbon fiber, you are opting for a material that withstands the elements and lasts for many years.

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INTERESTED?


Curious about our innovative carbon camera masts? Contact us at info@cfmast.nl. We're happy to think along!



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