



FVX SERIES. Video transmissions system in Plastic Optical Fiber, compatible with any analogic CCTV camera.

Available in three different models, that allow to manage the video signal up to 150 m. (model FVX-150K), 300 m. (model FVX-300K), 500 m. (model FVX-300K+FVX-600P).

Video Converter FVX series

- Interface with any CCTV analogic camera
- Distance covered: 150 m., 300 m., 500 m.
- Plastic Optical Fiber managed: *M-Fiber POF, also in the anti-rat model*
- Max immunity at electrical or RF disturbs on the images
- Max strenght and mechanical resistance
- Max resistance to humidity, oxidation, corrosion
- User friendly connection

Operating principle

The video converters FVX series, convert and transmit on M-Fiber POF the analogical signal from any CCTV camera or video source. It is composed by:

- a transmitter unit (model FVX-300T) that can be interfaced with any analogical camera;
- a receiver unit (model FVX-150R and FVX-300R) to display the images on any monitor, PC (via apposite card), DVR, ect...

The color image in PAL/NSTC standard, is acquired by the camera via the transmitter unit and sent via-POF at the receiver unit, that can be linked to any monitor, PC, DVR.

Video Converter system

Thanks to the M-Fiber POF qualities, the FVX system rappresents the ideal and innovative solution to solve all the problems with the traditionals video cables: video signal distance, low quality and no continue images due to the presence of RF disturbs, difficult to install the cable into the undersize pipelines, problems due to the oxidation and the weather, coexistence with eletrical cables, and so on ...

The FVX system ensures from data interception and this greatly increase the CCTV security level.

Quality of the system

The M-Fiber Plastic Optical Fiber ensures the maximum quality in the images and than the effectiveness and efficiency of any video or CCTV systems.

The total immunity at the electromagnetic disturbs allow to get a bright and constant stream of images, without interruptions or risks for a suddley disconnection; the reduced dimensions and the extreme flexibility of the cable, allow an easy access in all the pre-existing pipelines, still occupied by other cables, with wich it coexist without any problems for the data disturbs and in accordance with the Elettrical Law.

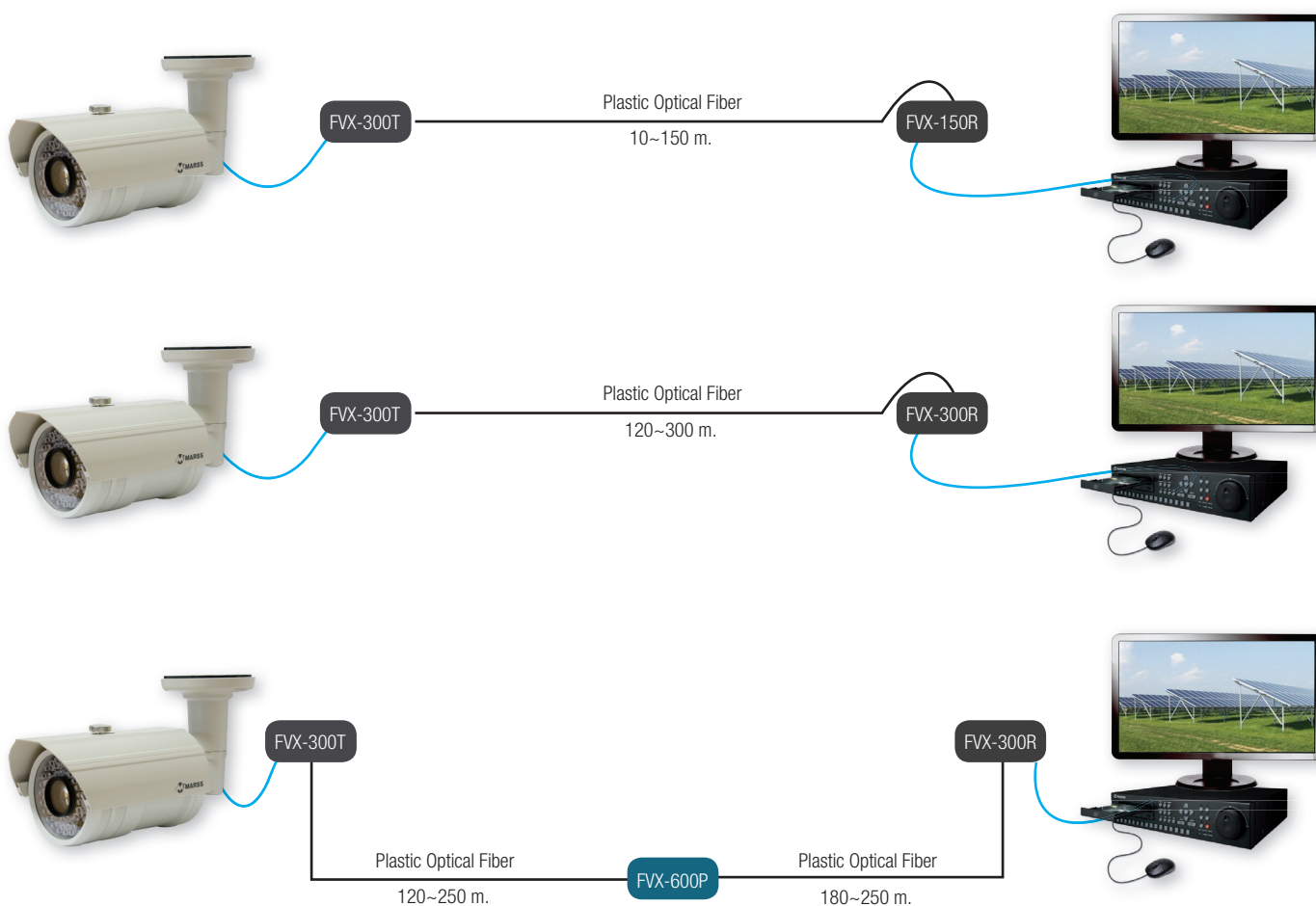
The excellant resistance at the phisical and mechanical stress, allow also the installation in presence of sharp band or bottleneck; the resistance at the adverse weather conditions, (-40°~ +85°) make possible to use its in habitat with strong temperature changes.

The easy installation and termination of the M-Fiber POF, get, not least, an important save in time and an economic advantage, because it doesn't require the use of any special tools and can be made with the hands in less of 10 seconds (*User Friendly*).

SPECIFICATIONS

Code	FVX-150R	FVX-300R	FVX-300T	FVX-600P
Description	Receiver up to 150 m.	Receiver up to 300 m.	Transmitter up to 150/300 m.	Repeater up to da 300 m.
Bandwidth (MHz)	0~5,5	0~6	0~6	0~6
Transmission distance (m.)	10~150	120~300	120~300	300~500
Images Standard	PAL/SECAM/NTSC (1Vpp)			
Output Optical Connector	SCREW LOCK (User Friendly)			
Gain Control	Manual regulation	Manual regulation	-	-
Power	12 Vdc	12 Vdc	12 Vdc	12 Vdc
Operating temperature	-20°~ +60°	-20°~+60°	-20°~+60°	-20°~+60°
Dimensions (mm) (WxHxD)	60x42x29	60x42x29	60x24x29	60x24x29
Weight (gr.)	50	50	42	42
IP Class Protections	IP20	IP20	IP20	IP20

Available kit FVX-150K (FVX-150R+FVX-300T) and FVX-300K (FVX-300R+FVX-300T)



Marss srl
 via A. De Gasperi - 73030 Tiggiano (LE) - Italy
 Tel +39 0833 531175 - Fax +39 0833 790387
 www.marss.eu - info@marss.eu

