

# ODU-890

## Fiber Outdoor Unit



### > Features

- Lemo 3K.93C\*\* (SMPTE311M) Connector
- Self powering or local power input
- Display & keyboard for parameter setting
- Mounting bar for two OMNI aerials
- Optimal folding reflectors for higher gain

### > Performance

The ODU-890 Fibre Outdoor unit is the complementary part of the IDU-890 Fibre Indoor unit. The ASI signal generated by the ODU is transmitted via a SMPTE Hybrid fiber cable (up to 1000 m) to the indoor unit. Additionally the remote control data are distributed from the internal UHF Data transmitter to the camera adaptor. This Data stream incorporated a reference-signal genlocking the vertical and horizontal phase of the camera head, granting at stable latency at any moment.

By using the inbuilt display and keyboard, the frequency of the remote data transmitter and the video link can be directly set from the indoor unit avoiding in this way to set it again at the Indoor unit.

ODU-890 is an OEM product and based on the BMS product DR2450ODU-Fiber with Ikegami infrastructure.

## > ODU-890 Fiber Outdoor Unit

### Inputs / Outputs

2x RF N(f)	RF in	1.3 to 7.4 GHz (subdivided)	50 Ω
UHF N(f)	UHF out	Camera remote control data (option)	50 Ω
Lemo 3K.93C* SMPTE 311M	Fibre	ASI / Data out 48VDC / Data in	

### Technical Characteristics

Frequency	1.3 to 7.4 GHz (subdivided)
Channel Bandwidth	6/7/8 MHz (selectable with DR2500IDU-Fibre)
Control	Built-in Display and Keyboard for frequency settings
Power Input	48VDC remotely
Temperature	-10°C to + 50°C (+14°F to +122°F)
Relative Humidity	5% to 95 %
Dimensions (W x D x H)	173 x 318 x 113mm 6.81" x 12.50" x 4.44"
Weight	approx. 4 kg (8.81 lbs)
Dimensions (W x D x H)	172 x 298 x 112 mm (6.77" x 11.73" x 4.41" approx.)

## > Typical Application

