Fiber-Optic Converter

OPT-TX4-RS485P

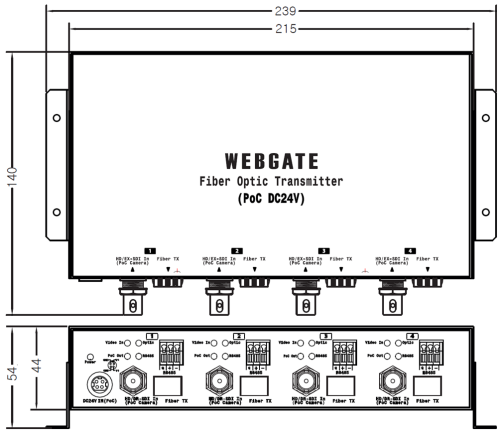
Fiber-Optic | Transmitter(4CH) | PoC | CoC | 24V

Key Features

- 4CH Optic Converter Supporting 24V PoC/CoC
- Camera power supply via coaxial cable (PoC)
- Camera remote control via coaxial cable (CoC)
- Supports HD-SDI, EX-SDI, EX-SDI 2.0, EX-SDI TDM Video Standard
- Supports 1080p30/25, Max. 4K UHD(EX-SDI) resolution
- Video/Data(RS485) transmission up to 20 km through single mode fiber-optic cable
- Status LED light

Dimension

(140×239×54mm)



(TOP VIEW)

(SIDE VIEW)

Specifications

Description	4 Channel Fiber Optic Transmitter
Video Standard	HD-SDI, EX-SDI 1.0, EX-SDI 2.0, EX-SDI TDM
Resolution	SMPTE 274M (1080p25/30) EX-SDI (4K-UHD, 4Mega pixel, 1080p)
Function	Equalizing, Reclocking, Upstream Signaling, Control over Coax, Power over Coax
PoC / CoC	Power over Coaxial Control over Coaxial (OPT-TX to Camera)
Impedance	75 ohm
Fiber Optic Type	Single mode
Optic Connector Type	LC
HD-SDI / EX-SDI Length	Approx. 180m (HD-SDI, EX-SDI TDM, EX-SDI 4K) / 500m (EX-SDI 1.0, EX-SDI 4M) / 600m (EX-SDI 2.0) @ 5C-HFBT

Fiber Length	Approx. 20Km @ 1.5Gbps
Data Channel	CoC and RS485 Upstream (Remote Control from DVR to Camera)
Indicator LED	Power(Red), Optic(Green), Video In(Green), PoC Out (Red), RS485(Green)
Operating Temperature / Humidity	0 ˚ C ~ 50 ˚ C / 20%RH ~ 80%RH
Power Consumption	9.6W (without PoC)
Power	24V / 5A
Dimension (W x D x H)	140 × 239 × 54 mm
Weight	160 g
Certifications	KC, RoHS

* Specifications are subject to change without notice for product improvement.