

4K Signal extension System

This 4K UHD signal extension system is part of the a vast selection of medical video infrastructure components from Ophit

- Extends 4K UHD signals at 60Hz.
- DisplayPort 1.2 compliant.
- 200 meter range.
- Uses single strand multi-mode fiber cable.



Key features	<ul style="list-style-type: none"> ▪ Real EDID transmission ▪ Up to 4K(3840x2160@60Hz) at 200m ▪ 1 SC terminated Multi-mode fiber
Video	
Video interface	DisplayPort
Standards	DisplayPort 1.2
Video bandwidth (Pixel clock)	21.6Gbps
Connector (Transmitter)	DisplayPort 20pin male
Connector (Receiver)	DisplayPort 20pin male
Resolution (Max.)	4K(3840X2160)@60Hz
EDID transmission	Real EDID transmission
HDCP	DPCP compliant
Optic Fiber	
Type of fiber	Multimode 50/125µm(OM3)
Number of fiber	1
Type of connector	SC connector
Operating distance	200m (650ft)
Optical source	850nm VCSEL
O/E converter	PIN Photo Diode
General	
Power supply	2 x External power supply for TX/RX 100-240V DC 5V,2A
Power consumption (Max.)	
Enclosure type	Metal
Enclosure dimensions	82W x 47D x 23H(mm)
Package dimensions	
Warranty	1 year
Certifications	CE, FCC
Enviroment	Operating temperature range: 0°C-50°C Storage temperature range: -20°C-70°C
Ordering information	
Model name	FTDS-TX FTDS Transmitter FTDS-RX FTDS Receiver FTDS-M FTDS TX/RX and PS-M set