

FIBER-OPTIC MODEM NANO-F2



Specifications

Type	Air
Data transmission rate	0~100 Mbps
Range	0~20 km / 80 km
Connector type	GH1.25
Fiber-optic connector	FC/APC
Data format	TTL/SBUS
Power supply	9~28 V
Dimensions	65 x 38 x 9 mm
Weight	25 g
Casing material	Aluminum
Wave length	1310/1550 nm
Fiber-optic braiding	ABS-plastic
Fiber-optic diameter	0.3 mm
Fiber-optic data protocol	FC
Fiber-optic type	Single-mode
Video transmission	NTSC/PAL/SECAM
Two-way data transmission	Supported
Video resolution	up to 4k@30 fps, adjustable
Video codec	H.265/H.264 customizable
Video bitrate	500 Kbps ~ 15 Mbps adjustable
Video transmission protocol	RTMP, RTSP, TS
Operating temperature	-40 °C ~ +70 °C

Optic camera (bundled with Nano-F2)

Matrix	1/2.8"
Lens	1.9 mm
Field of View	D=131° H=121° V=82°
Aperture	f/2.2
Accuracy	0.45 m
Operating temperature	-40 °C ~ +70 °C



FIBER-OPTIC MODEM NANO-F3



Specifications	
Type	Air
Data transmission rate	0~100 Mbps
Range	0~20 km / 80 km
Connector type	GH1.25
Fiber-optic connector	FC/APC
Data format	TTL/SBUS
Power supply	9~28 V
Dimensions	65 x 38 x 9 mm
Weight	25 g
Casing material	Aluminum
Wave length	1310/1550 nm
Fiber-optic braiding	ABS-plastic
Fiber-optic diameter	0.3 mm
Fiber-optic data protocol	FC
Fiber-optic type	Single-mode
Two-way data transmission	Supported
Video codec	H.265/H.264 customizable
Video bitrate	500 Kbps ~ 15 Mbps adjustable
Video transmission protocol	RTMP, RTSP, TS
Video transmission	AV
Operating temperature	-40 °C ~ +70 °C



FIBER-OPTIC MODEM NANO-F6



Specifications

Type	Ground
Data transmission rate	0~100 Mbps
Range	0~20 km / 80 km
Connector type	GH1.25
Fiber-optic connector	FC/APC
Data format	TTL/SBUS
Power supply	9~28 V
Dimensions	79 x 46 x 14 mm
Weight	55 g
Casing material	Aluminum
Wave length	1310/1550 nm
Fiber-optic braiding	ABS-plastic
Fiber-optic diameter	0.3 mm
Fiber-optic data protocol	FC
Fiber-optic type	Single-mode
Two-way data transmission	Supported
Video transmission	NTSC/PAL/SECAM
Video resolution	up to 4k@30 fps, adjustable
Video codec	H.265/H.264 customizable
Video bitrate	500 Kbps ~ 15 Mbps adjustable
Video transmission protocol	RTMP, RTSP, TS

