

## NexFi MF580M Specification

BASIC SPECIFICATIONS	
<b>Interface</b>	DC12~48V 2PIN / 100M Ethernet 4PIN / UART 4PIN (Total 10PIN)
	100M Ethernet 4PIN / UART 4PIN / GPIO 6PIN (Optional: Total 14PIN)
	SMA*2
<b>LED indicator</b>	4 levels of network quality indication (GPIO)
<b>Wireless Specification</b>	580Mhz MIMO MESH
<b>Output Power</b>	29 dBm*2
<b>Receive Sensitivity</b>	-95dBm
<b>Channel Bandwidth</b>	5Mhz/10Mhz/20Mhz
<b>Rate</b>	MAX 80Mbps
PERFORMANCE SPECIFICATION	
<b>Mode</b>	MESH
<b>Hop</b>	>10
<b>Node Scale</b>	>20
<b>Boot Time</b>	<1 minute
<b>Connecting Time</b>	<500ms
<b>Switching Period</b>	<100ms
<b>Encryption</b>	AES 256
PHYSICAL SPECIFICATION	
<b>Size</b>	110mm×88mm×21mm
<b>Weight</b>	0.3Kg
<b>Antenna</b>	3dBi Omni Antenna
<b>Power Consumption</b>	5~20W
<b>Temperature</b>	(-20°C ~ 65°C)
<b>Working Humidity</b>	10%~90%
<b>Mounting</b>	UAV

