



MF43 Fixed Mesh Base Station

Rugged Protective Structure
20 Watt Transmit Power
5 Seconds Quick Setup Time
Up to 52 IP Mesh Nodes
More Than 10 Hops Networking
AES128/256 Security Protection
20KM Ground Open Area Transmission Distance

SPECIFICATIONS

Wireless

Frequency Range	1428 ~ 1448MHz
Bandwidth	5M / 10M / 20MHz
Transmission System	COFDM
Modulation Mode	BPSK / QPSK / 16QAM / 64QAM (Self-Adaption)
Data Rate	90Mbps@20MHz (Peak)
RF Power	20W
Receive Sensitivity	-97dBm@1MHz

Interface

RF Antenna	N Type Female × 2
GPS Antenna	SMA
WIFI Antenna	SMA
Ethernet Interface	RJ45 Aviation Connector
Serial Port	Aviation Connector
Audio Interface	Aviation Connector

System

Video Input	Ethernet (HDMI/AV for Customize)
Audio Input	Remote Microphone or Earpiece
Security	AES128/256 Encryption
Power Supply	DC24V Power Supply
Power Consumption	≤ 90W

Networking

Networking Capability	≥ 52 Nodes
Networking Hops	> 10 Hops
Access Time	5s after Startup of System
Topology Type	Ad-Hoc Network, Star Network, Chain Network

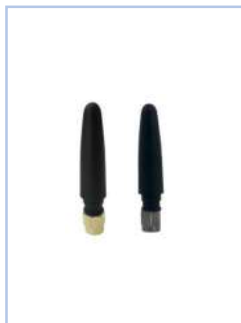
Physical

Dimension	≤ 360 × 240 × 135mm
Weight	≤ 7000g
Protection Level	IP65
Operating Temperature	-30°C ~ +65°C

ACCESSORIES



Tactical Antenna



GPS WiFi Antenna



RSM Microphone



Ethernet Cable



Serial Port Cable



Power Adapter



Mounting Bracket



Packing Box



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