

ViuMesh Pro 01H

BUILT WITH  ANALOG
DEVICES



Product Features

- Fanless passive cooling
- Security and confidentiality
- Anti-interference and anti-destruction
- Multi-node flexible networking

Communication Distance



10km

Product Parameters

Parameter	Indicator
Frequency	1.4GHz
Bandwidth	1.25/2.5/5/10/20MHz
Transmission power	0.5W*2
Modulation	COFDM
Constellation	QPSK/16QAM/64QAM/256QAM
Maximum throughput	Standard 28Mbps@10MHz, wideband 47Mbps@20MHz
Input voltage	DC 12V~30V@1A recommend 12V
Operating temperature	-40°C~55°C
Dimension	57.5×55.0×16.0mm (passive cooling) ; 57.7×49.9×16.8mm (active cooling)
Weight	91g (passive cooling) ; 70g (active cooling)
Receiving sensitivity	-103dBm@5MHz
Number of nodes	64 nodes
Hops	1/2/3/4/unlimited hops
Encryption	DES56, AES256 (optional)
Power consumption	≤12W
Other interfaces	MMCX*2, PWR*1, ETH*1, Serial (RS232*2, TTL*1), S.BUS*1