



WAYFARER™ WDA120KU

1.2m Ku-Band Drive-Away

Norsat's solution for reliable and easy-to-deploy mobile communications. The solid, low weight, and low height reflector mount deploys easily for fast and reliable satellite acquisition. Whether mounted on an emergency vehicular command center or a mobile broadcast van – count on Norsat's WAYFARER™ drive-away terminals for drive-away broadband-level communications capability.

FEATURES

- Easy and intuitive LinkControl™ Interface
- Heavy duty platform and reflector folding design
- Lightweight and durable carbon fiber reflector
- Fast, simple, intuitive one-button deployment on ACU
- From “stow-to-go” in under 8 minutes
- Automatic 3-axis acquisition
- Wide range of Norsat BUC and LNB configurations
- Includes easy-to-use IRU ACU for indoor operation



SPECIFICATIONS

ELECTRICAL

Reflector aperture	1.2m
Reflector material	Carbon fiber
Reflector type	Offset
Tx frequency	13.75 to 14.5 GHz
Rx frequency	10.70 to 12.75 GHz
Tx gain	42.8+20log(f/14.25) dBi
Rx gain	41.5+20log(f/12.5)dBi
Polarization	Linear
Cross polarization (On-Axis)	≥35 dB
Rx/Tx isolation	Rx ≥ 40dB Tx ≥ 85 dB
Sidelobe	First sidelobe ≤ -14 dB
Azimuth range	± 200°
Elevation range	10° to 90°
Polarization range	± 90°
Azimuth speed	0.1°/s to 6°/s
Elevation speed	0.1°/s to 6°/s
Polarization speed	0.1°/s to 6°/s
Feed interface	WR75
Power supply	AC110-230V 50/60Hz, rated 200W, 500W max

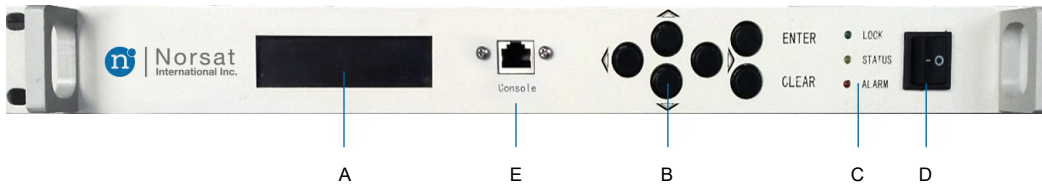
MOUNTING

Weight	≤85 Kg
Stowed size	176 cm (L) × 121 cm (W) × 38 cm (H)

ENVIRONMENTAL

Wind load - operational	72 km/h
Wind load - survival	90 km/h
Temperature	-30°C to +55°C
Humidity	0-95%
Water ingress	IP 65

WAYFARERWDA120KU1.2MKU-BANDAUTODRIVE-AWAYANTENNA



- A - Primary ACU Display
- B - Navigation / Entry keys
- C - Status Indicator
- D - Power Switch
- E - Firmware Upgrade Console Input

HOW TO ORDER

WDA120KU-NA

AC POWER PLUG

- NA = North America (NEMA 5/15)
- UK = United Kingdom (BS 1363)
- EU = Europe (CEE 7/7)
- IEC = IEC (60320 CIA)
- CN = China (Type I Plug)

ACCESSORY OPTIONS

BUC OPTIONS

- 2W
- 3W
- 4W
- 6W
- 8W
- 10W
- 16W
- 20W
- 40W

BUC (Type N Connector)

- ELMTBKU002
- ELMTBKU003
- ELMTBKU004
- ELMTBKU006
- ELMTBKU008
- ELMTBKU010
- ATOMBKU016
- ATOMBKU020
- ATOMBKU040

BUC POWER SUPPLY

- Via IFL Cable Connection
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- Via IFL Cable Connection
- Via IFL Cable Connection
- PS300-AT1(NA/UK/EU/IEC)
- PS300-AT1(NA/UK/EU/IEC)
- PS300-AT1(NA/UK/EU/IEC)

BUC M & C CABLE

- Not Applicable
- Not Applicable
- Not Applicable
- Not Applicable
- Not Applicable
- Not Applicable
- CABLEM+C-AT10
- CABLEM+C-AT10
- CABLEM+C-AT10

BUC MOUNTING BRACKETS

- WDA120KUMT-004
- WDA120KUMT-004
- WDA120KUMT-004
- WDA120KUMT-006
- WDA120KUMT-008
- WDA120KUMT-010
- WDA120KUMT-024
- WDA120KUMT-024
- WDA120KUMT-024

LNB OPTIONS

LNB 1000H or HS1000, with Type F (75 Ohm) Connector

IFL CABLE OPTIONS

IFL Cable (10m)

NN-FF

IFL-NN-FF-10

NN-NN

IFL-NN-NN-10

MODEM CABLE OPTION (For iDirect product only)

MOD-CABLE

INTEGRATION

WF-INT Assembly, function verification, and pointing test (standard product/RF packages only)

Custom integration also available. Contact sales@norsat.com for more information.

