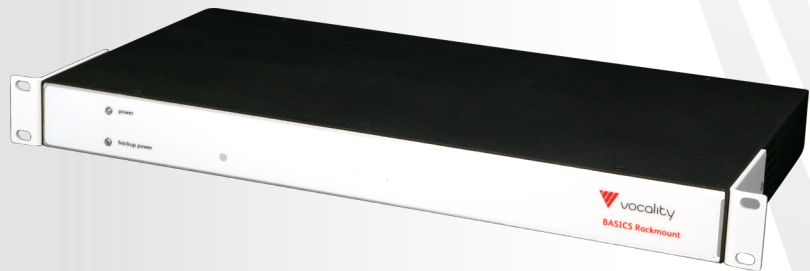


BASICS Rackmount Datasheet

KEY FEATURES

- ▼ Wide range of communication types in a single chassis
- ▼ 1U 19" rackmount
- ▼ Support for single or redundant power supplies



COMPATIBLE WITH

AVAYA



Ideal for mobile rack case, vehicle or hub site, the BASICS Rackmount chassis offers users a simple method for deploying a wide range of communications options quickly and easily.

MODULAR DESIGN

Users mix and match a selection of communication types to create a bespoke combination of units specifically designed for a required application. Units can be cascaded within the chassis, to create a single cohesive device, or used as three individual units, which cover communication types including:

- ▼ Analog Voice / Digital Voice - Provides the ability for standalone analog telephones and telephone exchanges (PBX) to be connected to more modern Voice over IP (VoIP) telephone systems.
- ▼ Radio over IP - Allows the connectivity of traditional push-to-talk and digital radio systems with fixed line and cellular telephone systems.
- ▼ Router - Offers an extensive range of features usually associated with high-end routers, including QoS, IPSec, VLAN, GRE and more.

INTEGRATED POWER SUPPLY

The integrated PSU reduces space required within the rack. For users requiring high levels of redundancy a second PSU can be added for peace of mind.

CONNECT WITH THIRD PARTY SYSTEMS

This unit can support connectivity to many different manufacturers' equipment, including CISCO, Avaya, Motorola WAVE and Asterisk, creating a unified system for voice, radio and data.

OPTIMIZATION AND ACCELERATION

Vocality's optional voice optimization and data acceleration is able to reduce the bandwidth required by up to 60%. Ideal for use over cellular or satellite networks.

Technical Data

MECHANICAL

| | |
|------------------------|--|
| Form Factor: | 1RU 19" rackmount enclosure |
| Max. number of cards: | 3 |
| Cooling: | Forced air cooling from single 1.57in / 40mm inlet fan |
| Operating Conditions*: | 0-50degC ambient 0-90%RH non-condensing |
| Shock and Vibration: | TBC |
| MTBF: | >100,000hours at 50degC |
| Dimensions: | 19 x 8.86 x 1.73in / 482 x 225 x 44mm |
| Indicators (per slot): | 4 blue voice channel status LEDs, 2 blue Ethernet port status LEDs, 1 bicolor red/green status LED |
| Weight: | 5.51lb / 2.5kg |

Electrical:

| | |
|----------------------------|---|
| Rating: | 100-240V AC 50-60Hz@2A |
| Line Connections: | Filtered IEC inlet and optional IEC on umbilical for backup/PoE PSU |
| Consumption(max): | 40W plus PoE@60W |
| PoE Power Available (max): | 48W |

Connectors (per slot):

| | |
|--------------------|--|
| Uplink Ethernet: | 1 x 8-way RJ45 |
| Downlink Ethernet: | 1 x 8-way RJ45 |
| Channel Ports: | 4 x 8-way RJ45 |
| M&C: | 6-way Locking Mini-DIN |
| Part number: | BASICS/RACK, BASICS RACK/DUAL or BASICS/RACK/POE |

HARDWARE OPTIONS

Each of the three slots can take any of the BASICS modules listed below:

| | |
|--------------------------|--|
| BASICS PC104 IP Router | See individual datasheets for further information about these options |
| BASICS PC104 Voice FXS | |
| BASICS PC104 Voice FXO | Note: If present, BASICS IP must be configured as Slot 0 to avoid the need to configure IP tunneling. By default, any port on Slot N will appear on the same subnet as the Slot 0 uplink port. |
| BASICS PC104 Four Wire | |
| BASICS PC104 Radio Relay | |

FUNCTIONAL

See individual datasheets for functionality of your selected hardware.

SOFTWARE FEATURE KEYS

See individual datasheets for available options on your selected hardware.

* When the equipment is adequately protected from direct user contact, the equipment will reliably operate with an ambient temperature within the specified range. When the equipment is installed in a user-accessible location, adequate heatsinking must be provided to ensure the case temperature does not exceed 70degC (BS EN60950-1:2006 Table4C) for user protection. BASICS Rackmount is a product under continuous development. Information subject to change. Correct at time of printing. May 2017. Please be advised that Vocality offers two variants of VOS software — one including IPSec and SSH features and one without these features. The IPSec / SSH variant of the software is subject to UK dual-use export control restrictions, whereas the software without IPSec / SSH is not subject to specific export control.

Cubic Mission Solutions

Lydling Barn, Lydling Farm, Putterham Lane
Shackleford, Surrey GU8 6AP United Kingdom
Tel +44 1483 813 130 Fax +44 1483 813 131
E-mail: sales@vocality.com
www.vocality.com

Cubic Mission Solutions

21580 Beaumeade Circle, Suite 230
Ashburn VA 20147 United States
Tel (703) 787 9133 Fax (703) 787 9136
E-mail: sales-usa@vocality.com
follow us on twitter @vocality

CUBIC™

vocality