

# Arcadia R4.0 & R4.1 Connectivity

## LICENSED PORTS



Arcadia can be ordered with a different number of Licensed Ports which are used for FreeSpeak beltpacks, HelixNet enabled channels, V-Series IrisX keypanels, I.V. Direct and Dante Interfaces as required for the application.

Licensed Ports can be added to the system in the field as requirements grow.

All Arcadia devices include the same quantity of Hardwired Interfaces and Wireless Transceiver connections.

### Intercom Stations

### Interfaces

UPGRADED

64

Belpacks

FREESPEAK

Wireless Intercom

One Beltpack per Licensed Port

1.9 GHz

2.4 GHz

5.0 GHz

1.9 GHz

Licensed Port

Licensed Port

Licensed Port

Licensed Port

UPGRADED

0-24

HelixNet Enabled Channels\*

HELIXNET

Digital Wired Partyline

One Partyline Channel per Licensed Port

128

HelixNet Stations

Licensed Port

Licensed Port

Licensed Port

Licensed Port

Licensed Port

Licensed Port

Licensed Port

Licensed Port

NEW

R4.1 32 0-32 R4.0

AES67 I.V. Port\*

V-SERIES IRISX

Keypanel with Essential Features

One V-Series Panel per Licensed Port

Licensed Port

Licensed Port

Licensed Port

UPGRADED

0-32

I.V. Direct Ports\*

I.V. DIRECT

Clear-Com Intercom Interface

One I.V. Direct Port per Licensed Port

SIP

Gen-IC

Gen-IC

Gen-IC

Licensed Port

Licensed Port

Licensed Port

Licensed Port

64

Dante Ports

DANTE

Audio Network Interface

One Dante Port per Licensed Port

Dante

Dante

Dante

Dante

Licensed Port

Licensed Port

Licensed Port

Licensed Port

E1 Transceiver Port

AES67 Capable Network

E1 Transceiver Port

AES67 Capable Network

5.0 GHz

1.9 GHz

2.4 GHz

2.4 GHz

1.9 GHz

10

FREESPEAK

Wireless Intercom

E1 Transceivers (via 2 Splitters)

32

Network Transceivers (via 3rd Party Switches)

HelixNet Network

HelixNet Network

24

HELIXNET

Powerline

HelixNet Powerlines

Hardwire Port

Hardwire Port

2-WIRE

Analog Partyline

4

Hardwire Ports

Hardwire Port

Hardwire Port

4-WIRE

Line Level Audio Interface

8

Hardwire Ports

Hardwire Port

Hardwire Port

Hardwire Port

2

GPIO

General Purpose

4

Outputs

### Connectivity

### Interfaces

## HARDWIRED PORTS

NEW

### Arcadia Device Allocation Options

Arcadia provides additional flexibility in allocating the device's processing between different port types as required by the application.

In Arcadia Release 4 HelixNet enabled channels can be swapped for a higher number of I.V. Ports which are used for I.V. Direct or I.V. connected V-Series keypanels.

Allocation Options	
HELIXNET CHANNELS	I.V. PORTS
24	16 (Direct or Keypanel)
12	24 (Direct or Keypanel)
6	28 (Direct or Keypanel)
0	32 (Direct or Keypanel)

Visit the Arcadia Knowledge Center for more information.



[www.clearcom.com/arcadia-knowledge-center/](http://www.clearcom.com/arcadia-knowledge-center/)

Find out how many Licensed Ports you need with the Arcadia License Port Calculator.



[www.clearcom.com/arcadia-calculator/](http://www.clearcom.com/arcadia-calculator/)

