Clock (Repeater)

RTLS cable synchronization source

- **7 ports (expandable by Repeater)**
- **Up to 35 Anchors connected**
- **Included Ethernet switch**
- **PoE**

Clock Distributor. One clock distributor is needed per installation. Power supply is 100W, 57 V DC. It is possible to connect up to 35 anchors to this device in mixed star – chain topology (7 ports, and up to 5 anchors in chain). In case of large system, clock repeaters are required. Clock signal can be distributed without amplification for over 100 meters. Clock has built-in 8 port Ethernet switch. One connection cable with synchronization, Ethernet, Power over Ethernet (up to 100 m length).

Clock Repeater. Required for systems with more than 35 anchors. Repeaters can be cascaded to get required structure of the anchors placement. By using repeaters, large systems with hundreds of anchors are possible.

Dimensions	43 x 4,45 x 20 cm Rack 19'' 1U
Server Connection	Ethernet
Anchor Connection	Ethernet, Synchronization, PoE
Cable Length	Up to 100 m
Ports	7
Max connected	35 Anchors or Repeaters

BioControl Location
Technology for biology
RTLS Clock

Server Eth | Anchors | P1 P2 P3 P4 P5 P6 P7

Power	Server Cinnection	Anchor Connection	Anchor Connections
• 100 W power supply	• Ethernet port	• Ethernet, POE • Synchronization	• 7 ports, 35 anchors • 100 m cables