Pioneering motion capture since 1984.

Lock+
Connect. Integrate. Synchronize.

VICON
Analog | VESA | TimeCode
Lock+ is Vicon’s new control box for connecting, integrating and synchronizing third-party devices with your Vicon motion capture system.

**Connect**
Vicon Lock+ makes getting started with your Vicon system easier than ever. Simply connect your third-party devices directly into your Lock+, connect to your PoE and start capturing.

**Integrate**
With a 64 channel analog digital converter (ADC) and integrated device connection, you can wire your third-party devices directly to your Lock+ system.

**Synchronize**
Lock+ allows you to trigger up to eight third-party devices for external sync. With Timecode, Genlock and VESA support as well, your data will always be perfectly synchronized.

### Specifications

**Analog Input**
- Number of analog channels: 64
- Total analog sample rate: 192kHz
- Analog input ranges: +/- 1.25V, +/-2.5V, +/-5V, +/-10V

**Connection type**: Weidmüller connector - part number 1278100000

**Input impedance**: 1M ohm

**Broadcast Sync Input (Genlock) Including VITC**
- Standard definition video reference: NTSC/PAL
- High Definition Video reference: 1080P 30fps / 1080P 24 fps / 1080P 23.98 fps

**Connection type**: Dual BNC

**Input impedance**: High

**VESA Sync Input**
- VESA stereo input modes: 100 Hz, 120 Hz

**Connection type**: 3-pin Mini DIN

**Input impedance**: 10K

**Timecode Input (VITC/LTC)**
- Standard Definition Video reference: NTSC/PAL

**Connection type**: XLR

**Input impedance**: 600 ohm

**Supported rates**: 50I, 60I, 30P, 24P, 23.98P

**Legacy Sync Support Output**
- 120KHz RS422 Driver: Switchcraft EN3C3M plug

**Sync Out (x8)**
- Connection type: Dual BNC

**Input impedance**: High

**Remote Control Input (Start/Stop)**
- Connection input: Phono socket

**Power / Communications**
- PoE: Conforms to IEEE 802.3 af
- Nominal power usage: 7 Watts
- Maximum length: 100m

**Physical**
- W x D x H: 445 * 200 * 44.5 mm (standard 1U high and wide)
- Weight: 1.6 Kg

**Environmental**
- 0 deg C to 35 deg C

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**Discover More**

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