Data Recorders/Analyzers





# Compact and lightweight, up to 256 channels measurement

Compact and lightweight

- •Available with 1, 2 and 4 slots
- LAN port for establishing multichannel network (Max. 256 channels)
- •USB port for easy connection to PC
- Operable as a stand-alone unit
- High-speed sampling at 100 kHz (10 kHz for 16-channel measurement)
- CAN data acquisition possible with CAN-41A conditioner card mounted
- Variety of input conditioner cards
- TEDS compatible
- •Voice memo is recorded by using an optional dedicated remote control unit.
- DCS-100A dynamic data acquisition software is included in standard accessories.
- Measured data is saved in Kyowa standard KS2 format and can be analyzed with optional Data Analysis Software DAS-200A \*.
- Operates on 10 to 18 VDC.
- Distributed arrangement with EDX sync extension unit is possible. (See page 3-66)

\*For the Data Analysis Software DAS-200A, See page 4-9

Available with 1, 2 or 4 slots, the EDX-100A is a universal recorder that enables flexible configuration and free arrangement while ensuring multiple functions. The wide application range extends from small-scale measurement of 8 channels to large-scale measurement of up to 256 channels by connecting 8 units of EDX-100A.

For PC connection, LAN and USB ports are provided. The LAN port enables PC to control up to 8 units of EDX-100A, while the USB port ensures easy connection between EDX-100A and PC.

In addition, EDX-100A is operated as a stand-alone unit without PC. A compact flash memory card enables condition setting and data collection.

To respond to the need for a wide variety of measurements, 6 different types of conditioner cards are available.

## Note:

For LAN connection, use 2 straight cables and a LAN hub.

#### Conditioner cards (For the details, see page 3-73) CDV-40B/40B-F

Strain/voltage measurement card Dynamic strain measurement card

|  | DPN |
|--|-----|
| Thermocouple card                            | CTA |
| F/V converter card                           | CFV |
| Charge amplifier card                        | CCA |
| CAN card                                     | CAN |
| Strain/voltage measurement isolation card    | CD∖ |
| Constant current amplifier card              | CDA |
| Strain/voltage/acceleration measurement card | CVN |
| A/D Converter cards                          | AD- |

DPM-42B DPM-42B-F DPM-42B-I DPM-42B-I-F -40A -40A -40A/40A-F V-41A /-44AS -44AS/45AS /I-41A 40AS/40AS-F

#### **Specifications**

Modele

|   | Models  | Card Slots      | Max. Channels                   | Remark             |
|---|---|-----------------|---------------------------------|--------------------|
|   | EDX-100A-1  | 1               | 8                               |                    |
|   | EDX-100A-2  | 2               | 16                              |                    |
|   | EDX-100A-4  | 4               | 32                              |                    |
|   | EDX-100A-1H   | 1               | 8                               |                    |
|   | EDX-100A-2H   | 2               | 16                              | With handle grip   |
|   | EDX-100A-4H   | 4               | 32                              |                    |
| Ch  | annels See table                                    | e above.        |                                 |                    |
| Ar  | alog Input O  | ptional cond    | itioner cards                   |                    |
|   | Im  | nplement wi     | th DPM, CDV, CTA, CFV, CCA, O   | CVM installed      |
|   | Fa  | or details, see | e page 3-73.                    |                    |
| CA  | N Data Input P                                      | rovided by tl   | ne optional CAN-41A             |                    |
| Vc  | ice Memo Input                                      | 1 channel       | . An optional dedicated remo    | te control unit    |
|   |   | RCU-41A         | enables recording of voice me   | emo during         |
|   |   | measuren        | nent in manual mode.            |                    |
|   |   | Playback o      | of recorded voice memo requ     | ires an            |
|   |   | optional [      | Data Analysis Software DAS-2    | 00A.               |
| Sa  | mpling Methods                                      | s Synchrono     | ous sampling of all channels    |                    |
| Sa  | mpling Frequen                                      | cy Selection    | 1                               |                    |
|   | 1-2-5 series in a range of 1 Hz to 100 kHz          |                 |                                 |                    |
|   | 2 <sup>n</sup> series in a rang                     | e of 2 Hz to    | 65536 Hz                        |                    |
| Sa  | mpling Frequen                                      | cies (1-2-5 s   | eries)                          |                    |
|   | 1 Hz to 100 kHz f                                   | or 1-channe     | Imeasurement                    |                    |
|   | 1 Hz to 50 kHz fo                                   | r 3-channel i   | measurement                     |                    |
| 1 Hz to 20 kHz for 8-channel measurement  |   |                 |                                 |                    |
| 1 Hz to 10 kHz for 16-channel measurement |   |                 |                                 |                    |
| 1 Hz to 5 kHz for 32-channel measurement  |   |                 |                                 |                    |
|   | 1 Hz to 1 kHz for CAN data measurement              |                 |                                 |                    |
| Da  | ita Storage CF                                      | cards recon     | nmended by Kyowa                |                    |
|   | (1  | 28 MB to 8 0    | GB; 45x speed or higher)        |                    |
|   | U   | o to 2 GB dat   | ta for 1 time of measurement    |                    |
| Se  | tting Conditions                                    |                 |                                 |                    |
|   | Online: From the                                    | PC via LAN c    | or USB port                     |                    |
|   | Offline: By readin                                  | g from the C    | F card which has measuring o    | conditions         |
|   | written with the DCS-100A data acquisition software |                 |                                 |                    |
| Sa  | ving Conditions                                     | Amplifier set   | ting conditions and measurin    | g conditions       |
|   | -   | are saved in t  | the internal nonvolatile memo   | -<br>ory, enabling |
|   | i   | immediate se    | etup with previous conditions u | pon power-on       |

3-63

| Modes  |
|--|
| Data recording is manually started or stopped when   |
| data is recorded to a preset number of measured data.  |
| Manual mode allows recording of voice memo during data   |
| recording.   |
| Data recording is automatically started when the preset trigger  |
| condition is satisfied.  |
| Note that any CAN data mustn't be used as trigger condition  |
| Data recording is periodically made at preset intervals.   |
| rt/Stop of Data Recording  |
| Possible by using the PC or by pressing the switch on the  |
| front panel or from the dedicated remote control unit  |
| Justment   |
| ut channels is balanced by pressing the BAL.   |
| The front panel or from the dedicated remote control unit  |
| Erc.   |
| Pormal<br>andard format KS2, which enables data analysis   |
| andard format (S2, Which enables data analysis   |
| Data I AN or LISB port enables online data transfer to the PC  |
| while CE card enables offline data transfer  |
| Is sensor's information and sets to channel condition  |
| matically  |
| ported conditioner cards: CDV-40B (-F) DPM-42B (-F)  |
| -42B-1(-F) CCA-40A (-F) CDV-44AS CDA-44AS/45AS CVM-41A   |
| IOAS (-F)  |
| us Operation   |
| ous cable enables cascade connection of up to 8 units of the   |
| A. While data is recorded as a separate file in the CF card  |
| nto each unit, files of all cards are combined into a single   |
| online or offline data transfer to the PC.   |
| tput Except for CDV-40B (-F) and AD-40AS(-F)   |
| conditioner cards provide an analog output connector,  |
| enabling voltage monitoring (5 V FS).  |
| t 1 (For data recording and condition setting)   |
| AN and USB (For control and data transfer), switchable   |
| 10BASE-T / 100BASE-TX Connector: RJ45 modular jack   |
| Conforms to USB 2.0 (High speed).  |
| Connector: Series B receptacle   |
| Switches REC/PAUSE: Starts/pauses data recording.  |
| STOP: Stops data recording.  |
| BAL.: Execute balance adjustment.  |
| READ: Reads and set conditions.  |
| ID: Sets ID No. of EDX-100A.   |
| LAN/USB: Switches communication port.  |
| Operation status indicator LEDs: /   |
| Channel status indicator LEDs: The number  |
| corresponds to the number of channels provided.  |
| and CONT OLIT (For remote control and synchronous operation)   |
| Temperature 0 to 50°C  |
| Humidity 20 to 90% RH (Non-condensing)   |
| mperature -20 to 60°C  |
|  |
| esistant 29.42 m/s <sup>2</sup> (3 G) 5 to 55 Hz (When operating)  |
| esistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)  |
| tesistant         29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)           49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)           istant         196.1 m/s <sup>2</sup> (20 G)/11 ms   |
| tesistant         29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)           49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)           istant         196.1 m/s <sup>2</sup> (20 G)/11 ms           ive         EN61326-1 (Class A)   |
| tesistant         29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)           49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)           istant         196.1 m/s <sup>2</sup> (20 G)/11 ms           ive         EN61326-1 (Class A)           oly         10 to 18 VDC  |
| tesistant         29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)           49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)           istant         196.1 m/s <sup>2</sup> (20 G)/11 ms           ive         EN61326-1 (Class A)           oly         10 to 18 VDC           Connector: RM12BRD-4PH (Hirose)  |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>oly 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.  |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>oly 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:  |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>oly 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with  |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>4-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)   |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>4-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with   |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)   |
| tesistant       29.42 m/s² (3 G), 5 to 55 Hz (When operating)         49.03 m/s² (5 G), 5 to 55 Hz (When not operating)         istant       196.1 m/s² (20 G)/11 ms         ive       EN61326-1 (Class A)         ply       10 to 18 VDC         Connector: RM12BRD-4PH (Hirose)         DC power supply or optional dedicated AC adapter is required.         nsumption:         A-1:       Approx. 1.2 A (When operated on 12 VDC with         1 CDV-40B card mounted and full load applied)         A-2:       Approx. 1.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with   |
| tesistant       29.42 m/s² (3 G), 5 to 55 Hz (When operating)         49.03 m/s² (5 G), 5 to 55 Hz (When not operating)         istant       196.1 m/s² (20 G)/11 ms         ive       EN61326-1 (Class A)         ply       10 to 18 VDC         Connector: RM12BRD-4PH (Hirose)         DC power supply or optional dedicated AC adapter is required.         nsumption:         A-1:       Approx. 1.2 A (When operated on 12 VDC with         1 CDV-40B card mounted and full load applied)         A-2:       Approx. 1.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)  |
| tesistant       29.42 m/s² (3 G), 5 to 55 Hz (When operating)         49.03 m/s² (5 G), 5 to 55 Hz (When not operating)         istant       196.1 m/s² (20 G)/11 ms         ive       EN61326-1 (Class A)         ply       10 to 18 VDC         Connector: RM12BRD-4PH (Hirose)         DC power supply or optional dedicated AC adapter is required.         nsumption:         A-1:       Approx. 1.2 A (When operated on 12 VDC with         1 CDV-40B card mounted and full load applied)         A-2:       Approx. 1.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)         S       EDX-100A-1: 70.0 W x 132.5 H x 255 D mm  |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>5 EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm   |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>S EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm  |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>s EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm<br>EDX-100A-2: 137.5 W x 132.5 H x 255 D mm   |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>s EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX.100A-4: 137.5 W x 132.5 H x 255 D mm<br>excluding protrusions<br>rox. EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)   |
| tesistant       29.42 m/s² (3 G), 5 to 55 Hz (When operating)         49.03 m/s² (5 G), 5 to 55 Hz (When not operating)         istant       196.1 m/s² (20 G)/11 ms         ive       EN61326-1 (Class A)         ply       10 to 18 VDC         Connector: RM12BRD-4PH (Hirose)         DC power supply or optional dedicated AC adapter is required.         nsumption:         A-1:       Approx. 1.2 A (When operated on 12 VDC with         1 CDV-40B card mounted and full load applied)         A-2:       Approx. 1.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)         Se EDX-100A-1: 70.0 W x 132.5 H x 255 D mm         EDX-100A-2: 92.5 W x 132.5 H x 255 D mm         excluding protrusions         rox.         EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)         EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)   |
| <ul> <li>desistant 29.42 m/s<sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br/>49.03 m/s<sup>2</sup> (5 G), 5 to 55 Hz (When not operating)</li> <li>istant 196.1 m/s<sup>2</sup> (20 G)/11 ms</li> <li>ive EN61326-1 (Class A)</li> <li>ply 10 to 18 VDC</li> <li>Connector: RM12BRD-4PH (Hirose)</li> <li>DC power supply or optional dedicated AC adapter is required.</li> <li>nsumption:</li> <li>A-1: Approx. 1.2 A (When operated on 12 VDC with<br/>1 CDV-40B card mounted and full load applied)</li> <li>A-2: Approx. 1.8 A (When operated on 12 VDC with<br/>2 CDV-40B cards mounted and full load applied)</li> <li>A-4: Approx. 2.8 A (When operated on 12 VDC with<br/>4 CDV-40B cards mounted and full load applied)</li> <li>S EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br/>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm</li> <li>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm</li> <li>eDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)</li> <li>EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> </ul>  |
| tesistant       29.42 m/s² (3 G), 5 to 55 Hz (When operating)         49.03 m/s² (5 G), 5 to 55 Hz (When not operating)         istant       196.1 m/s² (20 G)/11 ms         ive       EN61326-1 (Class A)         ply       10 to 18 VDC         Connector: RM12BRD-4PH (Hirose)         DC power supply or optional dedicated AC adapter is required.         nsumption:         A-1:       Approx. 1.2 A (When operated on 12 VDC with         1 CDV-40B card mounted and full load applied)         A-2:       Approx. 1.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)         Se EDX-100A-1: 70.0 W x 132.5 H x 255 D mm         EDX-100A-2: 92.5 W x 132.5 H x 255 D mm         EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)         EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)         EDX-100A-2: 1.8 kg (2.0 kg with 4 CDV-40B cards mounted)         EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)         EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)         EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)  |
| tesistant       29.42 m/s² (3 G), 5 to 55 Hz (When operating)         49.03 m/s² (5 G), 5 to 55 Hz (When not operating)         istant       196.1 m/s² (20 G)/11 ms         ive       EN61326-1 (Class A)         ply       10 to 18 VDC         Connector: RM12BRD-4PH (Hirose)         DC power supply or optional dedicated AC adapter is required.         nsumption:         A-1:       Approx. 1.2 A (When operated on 12 VDC with         1 CDV-40B card mounted and full load applied)         A-2:       Approx. 1.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)         S       EDX.100A-1:70.0 W x 132.5 H x 255 D mm         EDX-100A-2:92.5 W x 132.5 H x 255 D mm         EDX-100A-4: 137.5 W x 132.5 H x 255 D mm         EDX-100A-4: 137.5 W x 132.5 H x 255 D mm         EDX-100A-2: 1.8 kg (2.0 kg with 1 CDV-40B card mounted)         EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)         EDX-100A-2: 1.8 kg (2.0 kg with 4 CDV-40B cards mounted)         EDX-100A-2: 1.8 kg (2.0 kg with 4 CDV-40B cards mounted)         EDX-100A-   |
| tesistant       29.42 m/s² (3 G), 5 to 55 Hz (When operating)         49.03 m/s² (5 G), 5 to 55 Hz (When not operating)         istant       196.1 m/s² (20 G)/11 ms         ive       EN61326-1 (Class A)         ply       10 to 18 VDC         Connector: RM12BRD-4PH (Hirose)       DC power supply or optional dedicated AC adapter is required.         nsumption:       A-1:         A-1:       Approx. 1.2 A (When operated on 12 VDC with         1 CDV-40B card mounted and full load applied)         A-2:       Approx. 1.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-2:       Approx. 2.8 A (When operated on 12 VDC with         2 CDV-40B cards mounted and full load applied)         A-4:       Approx. 2.8 A (When operated on 12 VDC with         4 CDV-40B cards mounted and full load applied)         S EDX.100A-1: 70.0 W x 132.5 H x 255 D mm         EDX-100A-2: 92.5 W x 132.5 H x 255 D mm         EDX-100A-4: 137.5 W x 132.5 H x 255 D mm         excluding protrusions         rox       EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)         EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)         EDX-100A-2: 0.8 kg (2.6 kg with 4 CDV-40B cards mounted)         EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)         EDX-100A-4: 2.0 kg (2   |
| <ul> <li>desistant 29.42 m/s<sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br/>49.03 m/s<sup>2</sup> (5 G), 5 to 55 Hz (When not operating)</li> <li>istant 196.1 m/s<sup>2</sup> (20 G)/11 ms</li> <li>ive EN61326-1 (Class A)</li> <li>ply 10 to 18 VDC</li> <li>Connector: RM12BRD-4PH (Hirose)</li> <li>DC power supply or optional dedicated AC adapter is required.</li> <li>nsumption:</li> <li>A-1: Approx. 1.2 A (When operated on 12 VDC with<br/>1 CDV-40B card mounted and full load applied)</li> <li>A-2: Approx. 1.8 A (When operated on 12 VDC with<br/>2 CDV-40B cards mounted and full load applied)</li> <li>A-2: Approx. 2.8 A (When operated on 12 VDC with<br/>4 CDV-40B cards mounted and full load applied)</li> <li>SEDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br/>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm</li> <li>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm</li> <li>EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)</li> <li>EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> <li>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)</li> </ul>   |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>s EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm<br>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm<br>EDX-100A-4: 1.16 kg (1.7 kg with 1 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.0 kg with 2 CDV-40B cards mounted)<br>EDX-100A-4: 2.1 8 kg (2.0 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mou       |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>s EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm<br>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm<br>excluding protrusions<br>rox. EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)<br>EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 0.0 kg (2.6 kg w    |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>s EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm<br>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm<br>excluding protrusions<br>rox. EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 2 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg cable N-39 (2 m)<br>Synchronous cable N-95 (2 m)<br>Camera synchronous c |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>s EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm<br>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm<br>excluding protrusions<br>rox. EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg w    |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>S EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm<br>EDX-100A-2: 1.8 kg (2.0 kg with 1 CDV-40B card mounted)<br>EDX-100A-2: 1.8 kg (2.0 kg with 2 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-4       |
| tesistant 29.42 m/s <sup>2</sup> (3 G), 5 to 55 Hz (When operating)<br>49.03 m/s <sup>2</sup> (5 G), 5 to 55 Hz (When not operating)<br>istant 196.1 m/s <sup>2</sup> (20 G)/11 ms<br>ive EN61326-1 (Class A)<br>ply 10 to 18 VDC<br>Connector: RM12BRD-4PH (Hirose)<br>DC power supply or optional dedicated AC adapter is required.<br>nsumption:<br>A-1: Approx. 1.2 A (When operated on 12 VDC with<br>1 CDV-40B card mounted and full load applied)<br>A-2: Approx. 1.8 A (When operated on 12 VDC with<br>2 CDV-40B cards mounted and full load applied)<br>A-2: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>A-4: Approx. 2.8 A (When operated on 12 VDC with<br>4 CDV-40B cards mounted and full load applied)<br>s EDX-100A-1: 70.0 W x 132.5 H x 255 D mm<br>EDX-100A-2: 92.5 W x 132.5 H x 255 D mm<br>EDX-100A-4: 137.5 W x 132.5 H x 255 D mm<br>excluding protrusions<br>rox. EDX-100A-1: 1.6 kg (1.7 kg with 1 CDV-40B card mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg with 4 CDV-40B cards mounted)<br>EDX-100A-4: 2.0 kg (2.6 kg w    |
|  |

## Remote Control Unit RCU-41A



| Control Buttons | <ol><li>REC/PAUSE:</li></ol>             | Starts/pauses data recording. |
|-----------------|--|-------------------------------|
|                 | (2) STOP:                                | Stops data recording.         |
|                 | (3) BAL:                                 | Executes balance adjustment.  |
|                 | (4) VOICE MEMO: Records voice memo.      |                               |
| LED Indicators  | REC/PAUSE, BAL                           |                               |
| Cable Length    | 1.5 m (To CONT IN connector of EDX-100A) |                               |

## Dimensions



| Built-in E   | Batteries Battery type: Ni-MH rechargeable battery  |  |
|--|---|--|
|  | Nominal capacity: 730 mAh, nominal voltage: 12 V  |  |
| External   | Power Input 11 V to 18 VDC  |  |
| [DC IN   | ]terminal model: RM12BRD-4PH (Hirose)   |  |
| Use DC   | power or AC adapter (Optional) for EDX-100A   |  |
| Power O  | utput External power voltage when using external power drive                              |  |
| Approx   | x. 11 to 15 V when using this units drive (In instantaneous stop)                         |  |
| [DC OI   | JT]terminal model: RM12BRD-4S (Hirose)  |  |
| Rechargi   | ng Methods  |  |
| Start a  | utomatic recharging (Max. 3.5 h) by connecting the external powe                          |  |
| supply   |   |  |
| Start d  | ischarging by resetting button to ON  |  |
| (Refreshing time: Max. 6.5 h)                              |   |  |
| Display  | BATTERY LEVEL LED (Residual capacity display)   |  |
|  | CHARGE (Charge/discharge display)   |  |
| Buzzer   | Alarm of buzzing sound in instantaneous stop  |  |
| Operatin   | g Temperature 0 to 50°C (0 to 30°C if refreshing)   |  |
| Operatin   | g Humidity 20 to 90% RH (Non-condensing)  |  |
| Storage <sup>-</sup>                                       | Temperature -20 to 50°C   |  |
| Dimensio   | ons $25 \text{ W} \times 132.5 \text{ H} \times 255 \text{ D}$ mm (Excluding protrusions) |  |
| Weight   | Approx. 500 g   |  |
| Backup t   | ime * (Reference value)   |  |
| Approx. 30 min with 1 (8 channels) CDV-40B card mounted on |   |  |
|  | EDX-100A-1 (H) and full load applied  |  |
| Approx   | x. 15 min with 2 16 channels) CDV-40B cards mounted on                                    |  |
|  | EDX-100A-2 (H) and full load applied  |  |
|  | EDX-200A-2H and full load applied   |  |
| Approx   | x 5 min with 4 32 channels) CDV-40B cards mounted on                                      |  |

EDX-100A-4 (H) and full load applied

#### DCS-100A Software for EDX-100A section For details of DCS-100A, see page 4-3.

| For details              | of DCS-100A, see page 4-3.                                  |
|--------------------------|---|
| Controllable Uni         | ts 8 (Max. 256 channels)                                    |
| Interfaces I             | AN, USB   |
| Data Storage             | Vleasured data is saved to CF card in the EDX and/or data   |
|                          | older in the PC   |
| Channel Conditi          | ons   |
| Measuring cha            | nnel, measuring mode, range, HPF, LPF, balance ON/OFF,      |
| calibration ran          | ge, calibration ON/OFF,                                     |
| calibration coe          | ficient, offset, unit, channel name, measuring range, rated |
| capacity, rated          | output, number of display digits (Display items             |
| are freely be se         | ected.)   |
| TEDS Reads sen           | sor's information and sets to channel condition             |
| automatic                | ally  |
| Setting/Loading          | Parameters Loads parameters from EDX-100A and               |
|                          | sets the parameters in the EDX-100A                         |
| Collecting Data          | Collects data saved in the CF card in the EDX via LAN or    |
|                          | USB or directly insert the CF card in the PC.               |
| Erasing Data             | Erases data via LAN or USB in on-line or off-line           |
| Environmental S          | ettings   |
| Hardware con             | figuration Number of connected recorders                    |
| setting devic            | e name  |
| Allows bardy             | vare configuration of the recorder to be read if it is      |
| connected to             |   |
| Communicatio             | n status Chacked by reading the version of the EDX 1004     |
|                          | ttable from the PC via LISP or LAN. It is sayed in CE card  |
| Percender State          | Charled by reading the LED on the front nanal               |
|                          | has external (internal escillators, sets the exercise been  |
| Manageria ar Canad       | itis es fan Savina Data in CE Card                          |
| Canadia a Francisco Cond | Tuons for Saving Data in CF Card                            |
| sampling Free            | Juencies I Hz to Too kHz, 1-2-5 series, 2 series,           |
|                          | or external clock   |
|                          | (Depends on the number of measuring channels.)              |
| Data file size           | Max. 2 GB, depends on the number of                         |
|                          | measuring channels  |
| Measuring mo             | des Manual, manual (Data points preset), interval,          |
|                          | analog trigger, external trigger,                           |
|                          | and composite trigger                                       |
| Manual Measure           | ment Measurement is made from a press of the REC            |
| button to a pre          | ss of the STOP button or to completion of recording         |
| to the preset nu         | umber of measurements.                                      |
| Interval Measure         | ment Measurement is made automatically at preset            |
| intervals from t         | he preset starting time.                                    |
| Trigger Measure          | ment Measurement starts/stops based on preset               |
|                          | trigger conditions.   |
| End trigger Se           | ettable   |
| Delay Max. 26            | 2144 values for both start and end. Delay differs           |
| with the                 | e number of measuring channels.                             |
| Analog trigger           |   |
| Trigger channe           | els Any 1 channel of host EDX                               |
| Trigger level            | Sets in physical quantity                                   |
| Trigger slope            | Jp, down  |
| External trigger         | • •   |
| Trigaer slop             | e Up. down  |
| Composite triag          | er  |
| Trigger sour             | ce Selectable from 2 desired channels of stand-             |
| alone or h               | ost unit and 1 from external trigger AND or OR logic        |
| ic noccible              | a and thom external trigger. And of on logic                |
| Trigger level            | Sets in physical quantity                                   |
| Trigger leve             |   |
| mgger siop               | = 0p, uowii   |

| Measuring Conditions fo  | r Saving Data in Hard Disk of PC                 |  |  |
|--|--|--|--|
| Sampling Frequencies 1 Hz to 100 kHz, 1-2-5 series, 2 <sup>n</sup> series, |  |  |  |
| or external clock  |  |  |  |
| Data file size Capacity of hard disk                                       |  |  |  |
| Measuring modes Mar  | nual, manual (Data points preset), interval,     |  |  |
| and  | analog trigger                                   |  |  |
| Manual Measurement   | Neasurement is made from a press of the REC      |  |  |
| button to a press of the   | STOP button or to completion of recording        |  |  |
| to the preset number of measurements.                                      |  |  |  |
| Interval Measurement   | Measurement is made automatically at preset      |  |  |
| intervals from the preset  | t starting time.                                 |  |  |
| Trigger Measurement  | leasurement starts/stops based on preset         |  |  |
| trigger conditions.  |  |  |  |
| End trigger Settable   |  |  |  |
| Delay Max. 262144 values for both start and end. Delay differs             |  |  |  |
| with the number of measuring channels.                                     |  |  |  |
| Trigger channels Any 1 channel of host EDX                                 |  |  |  |
| Trigger level Sets in physical quantity                                    |  |  |  |
| Trigger slope Up, dowr   | 1  |  |  |
| Static Measurement Eve   | ery time the DCS-100A starts recording data,     |  |  |
| the  | DCS-100A additionally saves the moving-          |  |  |
| ave  | raged measured data in a single CSV format       |  |  |
| file   | in manual and interval modes.                    |  |  |
| Repetition Acquisition In  | n long-term data acquisition, a specified amount |  |  |
| of data (Or time) is save  | d in KS2 file .                                  |  |  |
| Workable in manual mo  | de (Data points preset).                         |  |  |

Data Recorders/Analyzers

## Synchronous Extension Unit ESYN-30A

Usage on EDX-3000B and EDX-100A possible
 Usage possible simply by connecting to EDX (ESYN-30A power supply provided by EDX)

ESYN-30A is a unit that supports synchronous measurement in a dispersed layout using multiple EDX-3000B and EDX-100A units.



NEW

| Display       | POWER LED   |
|---------------|---|
|               | With EDX-3000B connected: Lit green                                 |
|               | With EDX-100A connected: Lit orange                                 |
| Numbers of    | connected recorder  |
| EDX-3000E     | synchronous operation: Max. 10                                      |
| EDX-100A      | synchronous operation: Max. 8                                       |
| EDX-3000E     | , EDX-100A mixed synchronous operation *1 : Max. 8                  |
| Total Synchro | onization Cable Length <sup>*2</sup>                                |
| EDX-3000E     | synchronous operation: 1000 m or less                               |
| With EDX-1    | 00A synchronous operation: 50 m or less                             |
| EDX-3000B     | , EDX-100A mixed synchronous operation <sup>*1</sup> : 50 m or less |
| Synchronizat  | tion Cable Length between Devices                                   |
| EDX-3000E     | synchronous operation: 100 m or less                                |
| With EDX-1    | 00A synchronous operation: 50 m or less                             |
| EDX-3000B     | , EDX-100A mixed synchronous operation *1: 50 m or less             |
| Dimensions    | 92 W × 24.6 H ×55 D mm (Excluding protrusions)                      |
| Weight        | 250 g or less   |
| *4 TL ID      | -hand fEDV 100 A mouth big and there are ID mouth an of             |

\*1 The ID number of EDX-100A must bigger than an ID number of EDX-3000B.

\*2 Not including N-95 cable length.

Note: When using ESYN-30A, do not use a remote control unit.

#### Monitor Unit EMON-20A

- Monitoring any 8-channel data
   Touching the panel to control the
- EDX-100A and EDX-200A Setting channel conditions Measure ON/OFF, channel modes, measuring range, LPF, sampling frequencies, etc.
- •Confirming recorded data on the spot



| Applicable Record   | lers EDX-100A, and EDX  | -200A. Max 3 units in sync   |  |
|---------------------|---|------------------------------|--|
|                     | Firmware version 2.0  | ) or newer of                |  |
|                     | EDX-100A or EDX-2   | 00A is required.             |  |
| Display             | LCD: 5.7" color TFT, 320                                      | x 240 touch panel            |  |
|                     | Power LED: ON   |                              |  |
| Display Contents    | Y-time graph: Max. 8 ch                                       | annels. In sync operation,   |  |
|                     | only 1 channel every E  | DX other than the first EDX. |  |
|                     | Numeric monitoring: N   | lax. 8 channels              |  |
|                     | Data confirming: Max.   | 8 channels                   |  |
| Control Items       | Measuring items: Moni   | tor start (MONITOR),         |  |
|                     | stop  | (STOP), record (REC),        |  |
|                     | and b   | oalance (BAL)                |  |
|                     | Channel conditions: Me  | easuring range,              |  |
|                     | SW  | itching modes, LPF           |  |
|                     | Measuring conditions:   | Sampling frequencies         |  |
| Other Functions     | Languages selection of  | English or Japanese,         |  |
|                     | backlight on or off, lighting time,                           |                              |  |
|                     | and operating beeps   |                              |  |
| Power Supply        | 10 to 36 VDC, or a dedi                                       | cated AC adapter             |  |
|                     | 450 mA or less at 12 V,                                       | 200 mA or less at 24 V       |  |
| Dimensions          | 166 W $\times$ 29 H $\times$ 128.5 D mm (Excluding protrusion |                              |  |
| Weight              | Approx. 550 g   |                              |  |
| Vibration Resistant | t 29.4 m/s <sup>2</sup> (3 G), 5 to 20                        | 0 Hz                         |  |
| Operating Temper    | rature 0 to 50°C  |                              |  |
| Operating Humidi    | ity 20 to 80% (Non-conc                                       | lensing)                     |  |
| Applicable Condit   | ioner Cards for Data Ac                                       | quisition                    |  |
| Strain/Voltage/Acce | eleration Measurement Carc                                    | CVM-40A, CVM-41A             |  |
| Strain/Voltage Me   | asurement Card  | CDV-40B/A, CDV-40B/A-F       |  |
| Dynamic Strain Me   | asurement Card  | DPM-42B/A, DPM-42B/A-F       |  |
|                     |   | DPM-42B-I, DPM-42B-I-F       |  |
| Thermocouple Car    | d   | CTA-40A                      |  |
| F/V Converter Card  |   | CFV-40A                      |  |
| Charge Amplifier C  | Card  | CCA-40A, CCA-40A-F           |  |
| Strain/Voltage Me   | asurement Isolation Card                                      | CDV-44AS                     |  |
| Constant Current A  | Amplifier Card  | CDA-44AS, CDA-45AS           |  |
| A/D Converter Car   | d   | AD-40AS, AD-40AS-F           |  |
| Applicable Cards f  | or Data Monitoring  |                              |  |
| CAN Card            |   | CAN-41A                      |  |

Standard Accessories

Connection cable Approx. 5 m

●1 Slot EDX-100A-1 EDX-100A-1H (With handle grip)



●2 Slots EDX-100A-2 EDX-100A-2H (With handle grip)





●4 Slots EDX-100A-4 EDX-100A-4H (With handle grip)







::

Data Recorders/Analyzers

51