

## MSU-3000

Master setup unit, multi camera remote control panel for system cameras (horizontal type)



### Overview

The MSU-3000 master setup unit allows, intuitive control and maintenance for the connected Sony HDC series system cameras.

Sharing the same compact horizontal form factor and familiar ergonomics as the MSU-1000, the MSU-3000 fits a 19-inch EIA rack (full-rack-mount size). It can control multiple camera systems via either 1000Base-T LAN, or a single camera by direct peer-to-peer connection via Sony CCA cable.

Operability is enhanced via a new touchpanel with improved visibility plus additional LED indicators and assignable keys. The menu page gives direct access to camera, CCU and BPU functions, while 21 assignable keys support even greater usability and expandability.

### Features

#### **Flexible, scalable system configuration**

The MSU-3000 can be configured for use with large and small-scale camera control systems, sharing the same mechanical dimensions and interface system as the MSU-1000. A MSU-3000 can flexibly control up to 96 units of HDC Series system camera.

#### **Customizable Switches**

Functions and Menu can be mapped to the assignable keys via the Menu Control page, allowing quick and easy access. There will be a maximum of 21 keys in any of F1 to F11 and 1 to 10 on the panel. This is available via SW Customize menu with the categorized items.

#### **New LCD touchpanel**

The large LCD touchpanel features a new 7-inch WVGA (800x480) panel with improved visibility.

#### **USB flash drive**

The MSU's settings can be saved or loaded via USB flash drive. CAM/CCU/BPU Scene files/Reference files can also be saved, and for the HDRC-4000's HDR Production Converter Unit the All Setting file can be saved.

#### **High speed LAN connection**

The MSU-3000 supports connectivity via 1000Base-T Ethernet LAN in addition to a single connection by Sony CCA 8-pin cable.

#### **Web UI application**

Allows convenient remote operation for MSU initial settings from a remote networked PC with intuitive user interface (UI).\*

\* Feature available at later date.

#### **Status indication**

By the Status key, the connected camera/CCU/BPU's alert status can be indicated on the LCD panel if it occurs. Some of the setting status can be also indicated.

## Specifications

### General

Power Supply	AC 100 - 240 V 50/60 Hz 0.30 A (Max.) DC 10.5 - 17 V 2.3 A (Max.)
Operating Temperature	5 °C to 40 °C (41 °F to 104 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Dimensions (W x H x D)	400.6 x 222 x 67 mm (15 7/8 x 8 3/4 x 2 3/4 inch) (excluding protrusions)
Mass	Approx. 4.2 kg (9 lb. 4 oz.)

### Input/output Connectors

LAN	RJ-45 8pin (x1) 1000BASE-T, 100BASE-TX, 10BASE-T
Remote CCU/CNU	Multi-connector 8-pin, female (x1)
AUX	Multi-connector 8-pin, female (x1)
I/O Port	D-Sub 50-pin, female (x1)
AC In	3-pin (x1)
DC In	XLR 4-pin (x1)



**RCP-1000**

Joystick type of simple Remote Control Panel for HDC/HSC/HXC series cameras. 6 units in 19-inch EIA rack.



**RCP-1001**

Dial type of simple Remote Control Panel for HDC/HSC/HXC series cameras. 6 units in 19-inch EIA rack.



**MSU-1000**

Master setup unit, multi camera remote control panel for HDC / HSC cameras (horizontal type)



**MSU-1500**

Master setup unit, multi camera remote control panel for HDC / HSC cameras (vertical type)



**RCP-1500**

Joystick type of Remote Control Panel for HDC/HSC/HXC series cameras. 4 units in 19-inch EIA rack.



**RCP-1501**

Dial type of Remote Control Panel for HDC/HSC/HXC series cameras. 4 units in 19-inch EIA rack.



**RCP-1530**

Joystick type of Remote control panel for HDC/HSC/HXC series cameras. 5 units in 19-inch EIA rack.



**CNA-1**

Camera control network adaptor



**MSU-3500**

Master setup unit, multi camera remote control panel for system cameras (vertical type)



**HDC-P31**

HD compact POV system camera with enhanced remote features and advanced HDR workflows



**UHC-8300**

UHC-8300 8K 3CMOS sensor Camera system includes UHCU-8300 8K Camera Control Unit, UKCU-8001 (8K ST 2110 Interface), UZCU-SNMP80 (SNMP for 8K ST 2110)



**HDCU-5000**

Camera Control Unit (CCU) for HDC-5500 and HDC-3500/3100 series system cameras



**HDCU-5500**

IP-ready Camera Control Unit (CCU) for HDC-5500 4K/HD system camera



**HDC-P50**

4K/HD compact POV system camera



**HXC-FB80**

4K / HD Camera Control Unit for HXC-FB80 cameras



**HXC-P70**

Affordable, three 2/3-inch Exmor CMOS sensor, full HD/SD compact system camera with direct optical fibre cable connection



**BRC-X1000**

Premium 4K30P PTZ Camera with 12x optical zoom and uncompromising broadcast picture quality



**BRC-X400**

Premium 4K30P IP PTZ Camera with 30x (w/CIZ) zoom and NDI®|HX capability for use in a wide range of environments



**BRC-H800**

Premium Full HD PTZ Camera with 12x optical zoom and uncompromising broadcast picture quality



**RCP-3500**

Remote-control panel for HDC/HSC/HXC series cameras



**RCP-3501**

Remote-control panel for HDC/HSC/HXC series cameras



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