

## Low-Light Noise Reducer

# UFM-30NR

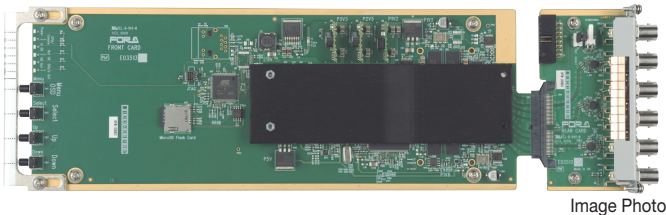


Image Photo

The UFM-30NR is a modular, multi-format noise reducer designed to fit into UFM frames. The UFM-30NR can remove noise from video captured in low-light environments, making it ideal for removing dark noise from weather information camera signals as well as for security applications.

- Removes low-light noise included in video taken by monitoring cameras or night-vision cameras which is used as a monitoring purpose.
- Supports HD-SDI/SD-SDI/analog composite input, and HD-SDI/SD-SDI output.
- On-screen Display (OSD) installed: Allows menu display on analog composite monitor output screens
- Supports 8 channels of embedded audio
- Noise removal menu items
  - Y recursive: 0 (OFF) to 7 (MAX): Strength of temporal noise reduction (brightness)
  - C recursive: 0 (OFF) to 7 (MAX): Strength of temporal noise reduction (color difference)
  - Recursive threshold: 1 (MIN) to 7, Fixed, Auto: Threshold value of timed noise reduction
  - Y spatial: 0 (OFF) to 7 (MAX): Strength of spatial noise reduction
  - Spatial threshold: 1 (MIN) to 7, Fixed, Auto: Threshold value of spatial noise reduction
  - Split screen: ON/OFF: Left/right separation of processing results

### Specifications (Preliminary)

Video Formats (Auto detect)	HD-SDI: 1080/59.94i, 1080/50i, 720/59.94p, 720/50p SD-SDI: 525/60 (NTSC), 625/50 (PAL) Analog Composite: NTSC or PAL (input only)
Video Input	HD-SDI: 1.5 Gbps or SD-SDI: 270 Mbps, 75Ω, BNC x 1 Analog Composite: 1.0 Vp-p, 75Ω, BNC x 1
Genlock Input	BB: NTSC: 0.429 Vp-p/PAL: 0.45 Vp-p or Tri-level sync: ±0.3 Vp-p (supplied from UFM frame)
Video Output	HD-SDI: 1.5 Gbps or SD-SDI: 270 Mbps, 75Ω, BNC x 3
OSD Output	NTSC or PAL, 1.0 Vp-p, 75Ω, BNC x 1
Audio Input/Output	Embedded audio support (asynchronous audio is not supported) HD-SDI: 8 channels / 8 channels (4 stereo pairs) SD-SDI: 4 channels / 4 channels (2 stereo pairs)
Ancillary Data Output	Output data is same as input data
Power	Supplied from UFM Frame, +24 V DC
Require Slot	1 slot *Can be installed on UF-106A/106B/112, not supported UF-106
Accessory	Operation manual

Please note that the technical details shown here are provisional specifications (as of February 2012).

This information is subject to change without notice.

### FOR-A COMPANY LIMITED

Head Office : 3-8-1 Ebisu, Shibuya-ku, Tokyo 150-0013, Japan

FOR-A Corporation of America Corporate Office : 11155 Knott Ave., Suite G&H, Cypress, CA 90630, USA

FOR-A Corporation of America East Coast Office : 2 Executive Drive, Suite 670, Fort Lee Executive Park, Fort Lee NJ 07024, USA

FOR-A Corporation of America Distribution & Service Center : 2400 N.E. Waldo Road, Gainesville, FL 32609, USA

FOR-A Corporation of America Miami Office : 5200 Blue lagoon Drive, Suite 760, Miami, FL 33126, USA

FOR-A Corporation of Canada : 346A Queen Street West, Toronto, Ontario M5V 2A2, CANADA

FOR-A UK Limited : UNIT C71, Barwell Business Park, Leatherhead Road, Chessington Surrey, KT9 2NY, UK

FOR-A Italia S.r.l. : Via Volturmo, 37, 20047, Brugherio MB, ITALY

FOR-A Corporation of Korea : 1007, 57-5, Yangsan-ro, Yeongdeungpo-gu, Seoul 150-103, KOREA

FOR-A China Limited : 708B Huateng Building, No. 302, 3 District, Jinsong, Chaoyang, Beijing 100021, CHINA

FOR-A Middle East-Africa Office : Jebel Ali Free Zone, LOB-16, Office 619, P.O. Box: 261914 Dubai, UAE

Homepage: <http://www.for-a.com/>

Tel : +81 (0)3-3446-3936 Fax : +81 (0)3-3446-1470

Tel : +1 714-894-3311 Fax : +1 714-894-5399

Tel : +1 201-944-1120 Fax : +1 201-944-1132

Tel : +1 352-371-1505 Fax : +1 352-378-5320

Tel : +1-305-931-1700 Fax : +1-305-264-7890

Tel : +1 416-977-0343 Fax : +1 416-977-0657

Tel : +44 (0)20-8391-7979 Fax : +44 (0)20-8391-7978

Tel : +39 039-881-086/103 Fax : +39 039-878-140

Tel : +82 (0)2-2637-0761 Fax : +82 (0)2-2637-0760

Tel : +86-(0)10-8721-6023 Fax : +86-(0)10-8721-6033

Tel : +971 4 887 6712 Fax : +971 4 887 6713

ISO 9001 and 14001 certified (Sakura R&D)

© 2012 FOR-A Company Ltd. FOR-A is a registered trademark of FOR-A Company Ltd. Design and specifications subject to change without notice. Printed in Japan. 1203FJ2A