FIRST LIGHT
ADVANCED IMAGERY

8
REASONS
to go for a C-RED SWIR camera

NEED TO SEE RED?
CHOOSE C-RED!
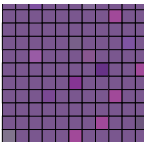

FULL FRAME

FASTER !
EACH C-RED CAMERA IS THE FASTEST ONE IN ITS CATEGORY :
600 FPS FF for our InGaAs VGAs and 3500 FPS FF for our e-APD MCT QVGA.

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LOWER NOISE !
AT THE SAME TIME, THE C-RED CAMERAS ALSO OFFER THE LOWEST NOISE POSSIBLE IN THEIR CATEGORY:
From subelectron RON with C-RED One, to below 30e RON for C-RED 2 and 3.

ULTRA LOW DARK !
UP TO SEVERAL MINUTES EXPOSURE TIMES IN SWIR
Our engineers have worked hard to optimize dark level on all C-RED cameras.

HDR

MORE DYNAMIC !
93 dB AND TRUE 16 BITS.
Enhance your vision with our HDR module.

LESS IS MORE !
AFFORDABLE OEM UNCOOLED VERSION FOR EASY INTEGRATION IN ANY SYSTEM.
High speed, low noise, low SWaP, low price...

BLACK IS BLACK !
UNCOOLED SWIR IS NOT SUITABLE FOR YOUR APPLICATION? NOT AT ALL !
Our adaptive BIAS allows to use our uncooled C-RED 3 in a variable temperature environment.

MORE RED !
NEED TO SEE FURTHER IN THE RED ?
Try our C-RED 2 Extended Range : you'll see more red with C-RED !
Up to 2.2 µm in InGaAs and 2.5 µm in MCT.

EASY !
OUR CAMERAS ARE COMING WITH OUR GUI.
Including many NUC functions based on our SDK which allows to develop your own solution under Linux, Windows, Jetson...
This environment makes all C-RED cameras compatible with your acquisition software : µManager, Labview, Python, C, C++, and more.

GO FOR IT!
Choose your C-RED and make the invisible visible